

8081

Delivery Order No. 6  
Total Environmental  
Program Support  
Contract #  
DAAM01-94-D-0020



**U.S. Army  
Environmental  
Center**

FINAL

ENHANCED PRELIMINARY ASSESSMENT  
SCREENING

INITIAL LAND TRANSFER TO  
U.S. DEPARTMENT OF AGRICULTURE

JOLIET ARMY AMMUNITION PLANT  
WILMINGTON, ILLINOIS

Volume 2 of 2  
(Appendices)

DETC QUALITY INSPECTION

Prepared for:

U.S. ARMY ENVIRONMENTAL CENTER  
Aberdeen Proving Ground, MD 21010-5401

Unlimited Distribution  
Approved for Public Release

October 1996

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*PLEXUS SCIENTIFIC CORPORATION*

Final

Enhanced Preliminary Assessment Screening for  
Initial Land Transfer to  
U.S. Department of Agriculture

Joliet Army Ammunition Plant  
Will County, Illinois

Volume 2  
Appendixes

Prepared for:

U.S. Army Environmental Center  
Aberdeen Proving Ground, Maryland 21010-5401

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US ARMY ENVIRONMENTAL CENTER

ABERDEEN PROVING GROUND, MD

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APPENDIX A

AGRICULTURAL LESSEE QUESTIONNAIRE

5/31/96

Agricultural Lessee Questionnaire  
**Joliet Army Ammunition Plant**  
**Will County, Illinois**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
Phone: \_\_\_\_\_  
Agricultural Tracts Leased: \_\_\_\_\_

1. How long have you leased this/these tract(s)?  
\_\_\_\_\_  
\_\_\_\_\_
2. Did you in the past hold leases on tracts of land at JOAAP for which you no longer lease? If yes, which ones? How long?  
\_\_\_\_\_  
\_\_\_\_\_

If you answer yes to any of the following questions please provide information in the space available. If you lease more than one tract, please specify which tract the answer applies to. Continue answers on the back if necessary.

3. Have you noticed any areas where contaminated soil may be present? Contaminated soil may be indicated by areas of no or limited vegetation growth, stains unlike the surrounding soil or debris within or on the soil (such as flakes or colored particles).  
( ) Yes ( ) No ( ) Don't Know  
Tract No. \_\_\_\_\_  
Please explain \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. Has fill dirt been brought onto the tract that originated from a contaminated site or that is of an unknown origin?  
( ) Yes ( ) No ( ) Don't Know  
Tract No. \_\_\_\_\_  
Please explain \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Are there currently or have there previously been any damaged or discarded automotive or industrial batteries, or pesticides, paints, or chemicals in individual containers of greater than 5 gallons stored on or used on the tract?  
( ) Yes ( ) No ( ) Don't Know  
Tract No. \_\_\_\_\_  
Please explain \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5/31/96

6. Are there currently or have there been in the past any industrial drums (typically 55 gallons) or sacks of chemicals located on the tract?  
( ) Yes ( ) No ( ) Don't Know  
Tract No. \_\_\_\_\_  
Please explain \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Are there any or have there been any pits, ponds or lagoons of unknown use located on the tract in connection with waste treatment or waste disposal?  
( ) Yes ( ) No ( ) Don't Know  
Tract No. \_\_\_\_\_  
Please explain \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
8. Are there any or have there been any storage tanks (above ground or underground) located on the tract?  
( ) Yes ( ) No ( ) Don't Know  
Tract No. \_\_\_\_\_  
Please explain \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
9. Have you seen any vent pipes, fill pipes or openings which indicate access to a fill pipe protruding from the ground on the tract?  
( ) Yes ( ) No ( ) Don't Know  
Tract No. \_\_\_\_\_  
Please explain \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
10. If there are any structures on the tract, are there currently any or have there been in the past any flooring, drains, or walls located within the facility that are stained by substances other than water or are emitting foul odors?  
( ) Yes ( ) No ( ) Don't Know  
Tract No. \_\_\_\_\_  
Please explain \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
11. If the tract that you lease is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government environmental/health agency?  
( ) Yes ( ) No ( ) Don't Know  
Tract No. \_\_\_\_\_  
Please explain \_\_\_\_\_  
\_\_\_\_\_

12. Have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries or any other waste materials been dumped above grade, buried and/or burned on the tract?

( ) Yes ( ) No ( ) Don't Know

Tract No. \_\_\_\_\_

Please explain \_\_\_\_\_

13. Have you noticed if there are any transformers, capacitors, or hydraulic equipment on the tract which may indicate the presence of PCBs? Have you noticed any leakage?

( ) Yes ( ) No ( ) Don't Know

Tract No. \_\_\_\_\_

Please explain \_\_\_\_\_

15. Are you aware of any other past activities or events or have you made any observations that you feel might be useful to this study?

( ) Yes ( ) No ( ) Don't Know

Tract No. \_\_\_\_\_

Please explain \_\_\_\_\_

## APPENDIX B

### PROFILES OF THE FUTURE USDA PROPERTY

See Appendix D for additional information on the IRP sites

SUMMARY OF PAS DATABASE CONTENTS  
PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS

| Section | Building | Description                    | Construction Date | Occupancy Status | PCBs | USTs | ASTs | Chemicals/Containers | Pesticides | Biohazardous Material/Waste | Radioactive Materials/Waste | Hazardous Material/Waste | Sumps/Dry Wells/Septic/Etc. | Explosive Ordnance/Residue | Spills | Stressed Vegetation | Stained Soil | Asbestos | Photochemical Materials/Was | Lead Based Paint | Radon | Wells | Other Issues/Findings |
|---------|----------|--------------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
| L12     |          | Doyle Lake Area                |                   |                  | S    |      |      |                      | P          |                             |                             |                          |                             | S                          |        |                     |              |          |                             |                  |       |       | P                     |
|         | 1-51     | Doyle Lake Dam                 | 19                | U                |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
| L13     |          | Group 68                       |                   |                  | P    |      |      | P                    |            |                             |                             |                          |                             | P                          |        |                     |              |          |                             |                  |       |       | P                     |
|         | 68-1     | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             | S                        | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-2     | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             | S                        | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-3     | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             | S                        | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-4     | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-5     | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-6     | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-7     | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-8     | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-9     | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-10    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-11    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-12    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-13    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-14    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             | S                        | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-15    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             | P                        | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-16    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-17    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-18    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      | P                    |            |                             |                             | P                        | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-19    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-20    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-21    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-22    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 68-23    | Storage for Fuzes, Primers & B | 1942              |                  |      |      |      |                      |            |                             |                             | P                        | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
| L20     |          | Group 20                       |                   |                  | S    |      |      | P                    |            |                             |                             |                          | P                           |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 20-1     | Imhoff Tank                    | 1950              |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 20-2     | Trickling Filter & Dosing Tank | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 20-3     | Secondary Tank                 | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 20-4     | Pump House                     | 1942              |                  | S    |      |      | P                    |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       | P                     |
|         | 20-5     | Sludge Drying Bed              | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 20-6     | Storage Shed                   | 1946              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 20-7     | Chlorine Building              | 1950              |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 20-8     | Chlorine Contact Tank          | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 20-9     | Splitter Box                   | 1984              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 20-10    | Secondary Sludge Pumping Stati | 1984              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 20-11    | Secondary Settling Tank - Nort | 1984              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 20-12    | Filter Feed Pump Station       | 1984              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 20-13    | Filter Backwash Pumping Statio | 1984              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 20-14    | Package Sulfur Dioxide Unit    | 1984              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 20-15    | Effluent Pumping Station       | 1984              |                  |      | S    |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 20-16    | Diffusion Chamber              | 1984              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 20-17    | Filter Building                | 1984              |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 20-18    | Retaining Wall - Concrete & Ea | 1984              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 20-19    | Pumping Station                | 1984              |                  |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 20-41    | Compressor Building            | 19                |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L21     |          | Group 23                       |                   |                  | S    | P    |      | P                    |            |                             |                             |                          | P                           | P                          |        |                     |              |          |                             |                  |       |       | P                     |
|         | 23-1     | Surface Storage Reservoir      | 1942              | U                |      | P    |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 23-2     | Reservoir Pumping Station      | 1942              |                  |      | P    |      | S                    |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 23-3     | Valve House (West Deep Well)   | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 23-5     | Valve House (East Deep Well)   | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              | S        | S                           |                  |       |       |                       |
|         | 23-6     | Pump House & Tower             | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 23-7     | Radio Maintenance Shop         | 19                | D                |      |      |      | S                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 23-7B    | Storage Shed                   | 1942              |                  |      |      |      | P                    |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |

This summary must be used in conjunction with the PAS report/appendixes to determine level of concern.

U-Unoccupied O-Occupied D-Demolished

P-Present S-Suspected R-Removed A-Absent

E-Concentration >4pCi/L B-Concentration <4pCi/L

SUMMARY OF PAS DATABASE CONTENTS  
PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS

| Section | Building | Description                    | Construction Date | Occupancy Status | PCBs | USTs | ASTs | Chemicals/Containers | Pesticides | Biohazardous Material/Waste | Radioactive Materials/Waste | Hazardous Material/Waste | Sumps/Dry Wells/Septic/Etc. | Explosive Ordnance/Residue | Spills | Stressed Vegetation | Stained Soil | Asbestos | Photochemical Materials/Was | Lead Based Paint | Radon | Wells | Other Issues/Findings |
|---------|----------|--------------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 23-9     | Pump House & Tower             | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 23-14    | Section Hands Office           | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 23-15    | Railroad Hand Car Storage      | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 23-29    | Workshop                       | 1951              |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              | S        | S                           |                  |       |       |                       |
|         | 23-30    | Brine Tank Building            | 1951              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              | S        | S                           |                  |       |       |                       |
|         | 23-31A   | Igloo                          | 19                |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 23-34    | Superintendent's Office & Chan | 1951              | U                |      | R    |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 23-37    | Steel Tank                     | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 61-7     | Crushing & Drying              | 1942              | U                |      |      |      | P                    |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       | P                     |
|         | 61-7A    | Solvent Storage                | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 61-11    | Power House for Crushing Plant | 1942              | U                |      | P    |      |                      |            |                             |                             |                          | P                           | A                          |        |                     | S            |          | S                           |                  |       |       | P                     |
|         | 61-39    | Blast Building                 | 19                |                  |      |      |      | P                    |            |                             |                             |                          | S                           |                            |        |                     |              |          | S                           |                  |       |       | P                     |
|         | 62-27    | Sentry Station (At Landfill)   | 1977              |                  |      |      |      |                      |            |                             |                             |                          | S                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 71-7     | Tetryl Box Storage             | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | SL-1     | Sanitary Landfill              | 1977              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L22     | Group 25 |                                |                   |                  | S    |      |      | A                    |            |                             |                             |                          | P                           |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 25-2     | Guard House                    | 19                |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 25-6     | Pump House & Tower             | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 25-8     | Guard House                    | 1963              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L23     | Group 27 |                                |                   |                  | S    |      |      |                      |            |                             |                             | P                        | P                           | P                          |        | P                   |              |          |                             |                  |       |       | P                     |
|         | 27-1     | Inert Storage Warehouse ("B" P | 1942              |                  |      |      |      | S                    |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           | E                |       |       | P                     |
|         | 27-2     | Inert Storage Warehouse (Mater | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           | E                |       |       | P                     |
|         | 27-3     | Inert Storage Warehouse        | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           | B                |       |       | P                     |
|         | 27-4     | Inert Storage Warehouse (Equip | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           | B                |       |       | A                     |
|         | 27-5     | Inert Storage Warehouse (Equip | 1942              |                  | S    |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 27-6     | Inert Storage Warehouse (Equip | 1942              | U                |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 27-7     | Inert Storage Warehouse (In us | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 27-8     | Inert Storage Warehouse (In us | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 27-9     | Inert Storage Warehouse (Mater | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 27-10    | Inert Storage Warehouse (Equip | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | S                     |
|         | 27-11    | Inert Storage Warehouse (In us | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 27-12    | Inert Storage Warehouse (In us | 1942              | U                |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 27-13    | Inert Storage Warehouse        | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 27-14    | Inert Storage Warehouse        | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 27-15    | Inert Storage Warehouse        | 1942              |                  |      | A    |      |                      |            |                             |                             | A                        |                             |                            |        |                     | P            |          | A                           |                  |       |       | P                     |
|         | 27-16    | Inert Storage Warehouse (Equip | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 27-17    | Inert Storage Warehouse        | 1942              |                  |      |      |      |                      |            |                             |                             |                          | S                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 27-18    | Inert Storage Warehouse (In us | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 27-19    | Inert Storage Warehouse (Mater | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 27-20    | Warehouse                      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | S                           |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 27-21    | Inert Storage Warehouse (Equip | 1942              |                  |      |      |      |                      |            |                             |                             |                          | S                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 27-22    | Inert Storage Warehouse (In us | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 27-27B   | Latrine                        | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 27-27C   | Latrine                        | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 27-27D   | Latrine                        | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 27-27E   | Latrine                        | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 27-29    | Latrine                        | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 27-30    | Latrine                        | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 67-2     | Tank, Elevated                 | 1942              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       | P                     |
|         | TO-27A   | Latrine                        | 1950              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L24     | Group 29 |                                |                   |                  |      |      |      | A                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | A                     |
| L25     | Group 62 |                                |                   |                  | S    | P    |      | P                    |            |                             |                             |                          | P                           | R                          |        |                     |              |          |                             |                  |       |       | P                     |
|         | 62-1     | Inert Storage (Fireproof) (Equ | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           | B                |       |       |                       |
|         | 62-2     | Inert Storage (Fireproof) (Equ | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 62-3     | Inert Storage (Fireproof) (Equ | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           | E                |       |       | P                     |

This summary must be used in conjunction with the PAS report/appendixes to determine level of concern.

U-Unoccupied O-Occupied D-Demolished

P-Present S-Suspected R-Removed A-Absent

E-Concentration >4pCi/L B-Concentration <4pCi/L

SUMMARY OF PAS DATABASE CONTENTS  
PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS

| Section | Building | Description                    | Construction Date | Occupancy Status | PCBs | USTs | ASTs | Chemicals/Containers | Pesticides | Biohazardous Material/Waste | Radioactive Materials/Waste | Hazardous Material/Waste | Sumps/Dry Wells/Septic/Etc. | Explosive Ordnance/Residue | Spills | Stressed Vegetation | Stained Soil | Asbestos | Photochemical Materials/Was | Lead Based Paint | Radon | Wells | Other Issues/Findings |
|---------|----------|--------------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 62-4     | Inert Storage (Fireproof) (Equ | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 62-5     | Inert Storage (Fireproof) (In  | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              | P        | S                           | B                |       |       |                       |
|         | 62-6     | Inert Storage (Fireproof) (in  | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              | P        | S                           | E                |       |       |                       |
|         | 62-7     | Inert Storage (Fireproof) (In  | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 62-8     | Inert Storage (Fireproof) ("B" | 1942              |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              | P        | S                           | B                |       |       |                       |
|         | 62-9     | Inert Storage (Fireproof)      | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 62-10    | Inert Storage                  | 1942              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 62-11    | Inert Storage (Fireproof)      | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              | P        | S                           | B                | P     |       |                       |
|         | 62-12    | Inert Storage (Fireproof) (In  | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 62-13    | Inert Storage (Fireproof) (In  | 1942              |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              | P        | S                           | B                | P     |       |                       |
|         | 62-14    | Inert Storage (Fireproof) (Equ | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 62-15    | Inert Storage (Fireproof) (In  | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              | P        | S                           |                  | P     |       |                       |
|         | 62-17    | Inert Storage (Fireproof) (Equ | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 62-18    | Inert Storage (Frame & Cornuga | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  | P     |       |                       |
|         | 62-19    | Inert Storage (Fireproof) (In  | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 62-20    | Inert Storage                  | 1942              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L26     |          | Group 63                       |                   |                  |      |      |      |                      |            |                             |                             |                          | P                           | P                          | A      |                     |              |          |                             |                  |       | P     |                       |
|         | 63-1     | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-2     | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-3     | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-4     | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-5     | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-6     | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-7     | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | S        | S                           |                  | A     |       |                       |
|         | 63-8     | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-9     | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           | E                |       |       |                       |
|         | 63-10    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-11    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-12    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-13    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  | P     |       |                       |
|         | 63-14    | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-15    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-16    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-17    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-18    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-19    | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-20    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-21    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  | A     |       |                       |
|         | 63-22    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-23    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-24    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-25    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-26    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  | A     |       |                       |
|         | 63-27    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-28    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-29    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-30    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-31    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-32    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-33    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-34    | High Explosive Igloos          | 1942              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-35    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-36    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-37    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 63-38    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        | S                           |                  |       |       |                       |

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U-Unoccupied O-Occupied D-Demolished

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SUMMARY OF PAS DATABASE CONTENTS  
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JOAAP, WILL COUNTY, ILLINOIS

| Section | Building | Description                    | Construction Date | Occupancy Status | PCBs | USTs | ASTs | Chemicals/Containers | Pesticides | Biohazardous Material/Waste | Radioactive Materials/Waste | Hazardous Material/Waste | Sumps/Dry Wells/Septic/Etc. | Explosive Ordnance/Residue | Spills | Stressed Vegetation | Stained Soil | Asbestos | Photochemical Materials/Was | Lead Based Paint | Radon | Wells | Other Issues/Findings |
|---------|----------|--------------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 63-39    | High Explosive Igloos          | 1942              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          |                             |                  |       |       |                       |
|         | 63-40    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-41    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-42    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-43    | High Explosive Igloos          | 1942              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          |                             |                  |       |       |                       |
|         | 63-44    | High Explosive Igloos          | 1942              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          |                             |                  |       |       |                       |
|         | 63-45    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-46    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-47    | High Explosive Igloos          | 1942              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          |                             |                  |       |       | A                     |
|         | 63-48    | High Explosive Igloos          | 1942              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          |                             |                  |       |       |                       |
|         | 63-49    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-50    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-51    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-52    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | S            |          | S                           |                  |       |       |                       |
|         | 63-53    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           | E                |       |       | A                     |
|         | 63-54    | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-55    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-56    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 63-57    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-58    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-59    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-60    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-61    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-62    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-63    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-64    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-65    | High Explosive Igloos          | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 63-66    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-67    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 63-68    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-69    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-70    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-71    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-72    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-73    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-74    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-75    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       | A                     |
|         | 63-76    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-77    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-78    | High Explosive Igloos          | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 63-79A   | Latrine (Reported Excess)      | 1942              | U                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 63-79B   | Latrine (Reported Excess)      | 1942              | U                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L27     |          | Group 64                       |                   |                  | S    |      |      | P                    |            | IR                          |                             | S                        | P                           | A                          |        |                     |              |          |                             |                  |       |       | P                     |
|         | 64-1     | Standard Fixed Ammunition Stor | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 64-2     | Standard Fixed Ammunition Stor | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 64-3     | Standard Fixed Ammunition Stor | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 64-4     | Standard Fixed Ammunition Stor | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 64-5     | Standard Fixed Ammunition Stor | 1942              | U                |      |      |      |                      |            |                             | S                           |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 64-6     | Standard Fixed Ammunition Stor | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | S            |          | P                           |                  |       |       |                       |
|         | 64-7     | Standard Fixed Ammunition Stor | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | P                           |                  |       |       |                       |
|         | 64-8     | Standard Fixed Ammunition Buil | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | P                           |                  |       |       |                       |
|         | 64-9     | Standard Fixed Ammunition Stor | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 64-10    | Standard Fixed Ammunition Stor | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 64-11    | Standard Fixed Ammunition Stor | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 64-12    | Standard Fixed Ammunition Stor | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |

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U-Unoccupied O-Occupied D-Demolished

P-Present S-Suspected R-Removed A-Absent

E-Concentration >4pCi/L B-Concentration <4pCi/L

SUMMARY OF PAS DATABASE CONTENTS  
PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS

| Section | Building | Description                     | Construction Date | Occupancy | PCBs | USTs | ASTs | Chemicals/Containers | Pesticides | Biohazardous Material/Waste | Radioactive Materials/Waste | Hazardous Material/Waste | Sumps/Dry Wells/Septic/Etc. | Explosive Ordnance/Residue | Spills | Stressed Vegetation | Stained Soil | Asbestos | Photochemical Materials/Was | Lead Based Paint | Radon | Wells | Other Issues/Findings |
|---------|----------|---------------------------------|-------------------|-----------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         |          |                                 |                   | Status    |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 64-13    | Standard Fixed Ammunition Stor  | 1942              | U         |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-14    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-15    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-16    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-17    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 64-18    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-19    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-20    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-21    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-22    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 64-23    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 64-24    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-25    | Standard Fixed Ammunition Stor  | 1942              | U         |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-26    | Standard Fixed Ammunition Stor  | 1942              | U         |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-27    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-28    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-29    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 64-30    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 64-31    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 64-32    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 64-33    | Standard Fixed Ammunition Stor  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 64-34    | Standard Fixed Ammunition Stor  | 1942              | U         | P    |      |      | P                    |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 64A      | Latrine (Reported Excess)       | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 64B      | Latrine                         | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 64AA     | Latrine                         | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 64AB     | Latrine (Reported Excess)       | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 64AC     | Latrine                         | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 64AD     | Latrine                         | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | T-64     | Latrine (Reported Excess)       | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L28     |          | Group 65                        |                   |           |      |      |      | P                    |            |                             |                             | P                        | P                           | P                          |        |                     |              |          |                             |                  |       | P     |                       |
|         | 65-1     | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-2     | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-3     | Smokeless Powder Igloos (in us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-4     | Smokeless Powder Igloos (in us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | R     |                       |
|         | 65-5     | Smokeless Powder Igloos (in us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | R     |                       |
|         | 65-6     | Smokeless Powder Igloos (in us  | 1942              |           |      |      |      |                      |            | S                           |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-7     | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-8     | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-9     | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-10    | Smokeless Powder Igloos         | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-11    | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-12    | Smokeless Powder Igloos         | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-13    | Smokeless Powder Igloos         | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-14    | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-15    | Smokeless Powder Igloos (In use | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-16    | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-17    | Smokeless Powder Igloos         | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-18    | Smokeless Powder Igloos         | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-19    | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 65-20    | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-21    | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-22    | Smokeless Powder Igloos (In use | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-23    | Smokeless Powder Igloos (in us  | 1942              | U         |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-24    | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 65-25    | Smokeless Powder Igloos (In us  | 1942              |           |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |

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U-Unoccupied O-Occupied D-Demolished

P-Present S-Suspected R-Removed A-Absent

E-Concentration >4pCi/L B-Concentration <4pCi/L

SUMMARY OF PAS DATABASE CONTENTS  
PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS

| Section | Building | Description                    | Construction Date | Occupancy Status | PCBs | USTs | ASTs | Chemicals/Containers | Pesticides | Biohazardous Material/Waste | Radioactive Materials/Waste | Hazardous Material/Waste | Sumps/Dry Wells/Septic/Etc. | Explosive Ordnance/Residue | Spills | Stressed Vegetation | Stained Soil | Asbestos | Photochemical Materials/Was | Lead Based Paint | Radon | Wells | Other Issues/Findings |
|---------|----------|--------------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 65-26    | Smokeless Powder Igloos        | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 65-27    | Smokeless Powder Igloos        | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 65-28    | Smokeless Powder Igloos        | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 65-29    | Smokeless Powder Igloos        | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 65-30    | Smokeless Powder Igloos        | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 65-31    | Smokeless Powder Igloos        | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 65-32    | Smokeless Powder Igloos        | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 65-33    | Smokeless Powder Igloos        | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 65-34    | Concrete Ramp & Loading Platfo | 1960              | U                |      |      |      | P                    |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 65-A     | Latrine (Reported Excess)      | 1942              | U                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 65-B     | Latrine (Reported Excess)      | 1942              | U                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 65-C     | Latrine (Reported Excess)      | 1942              | U                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 65-D     | Latrine (Reported Excess)      | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L29     |          | Group 66                       |                   |                  | S    |      |      |                      |            |                             |                             |                          | P                           | R                          |        |                     |              |          |                             |                  |       | P     |                       |
|         | 66-1     | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-2     | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-3     | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-4     | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-5     | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-6     | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-7     | Finished Ammunition Storage Ma | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-8     | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-9     | Finished Ammunition Storage Ma | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-10    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-11    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-12    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-13    | Finished Ammunition Storage Ma | 1942              | U                | P    |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  | A     |       |                       |
|         | 66-14    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       | P     |                       |
|         | 66-15    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-16    | Finished Ammunition Storage Ma | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-17    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-18    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-19    | Finished Ammunition Storage Ma | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-20    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-21    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-22    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-23    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-24    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-25    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-26    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-27    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-28    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-29    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-30    | Finished Ammunition Storage Ma | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-31    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-32    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-33    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-34    | Finished Ammunition Storage Ma | 1942              |                  | P    |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-35    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-36    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-37    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-38    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-39    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-40    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |
|         | 66-41    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     | P            |          | S                           |                  |       |       |                       |

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SUMMARY OF PAS DATABASE CONTENTS  
PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS

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|---------|----------|--------------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 66-42    | Finished Ammunition Storage Ma | 1942              | C                |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-43    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-44    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-45    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-46    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-47    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-48    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-49    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-50    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-51    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-52    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           | E                |       | A     |                       |
|         | 66-53    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-54    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-55    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-56    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-57    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-58    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-59    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-60    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-61    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-62    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-63    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-64    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-65    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-66    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-67    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-68    | Finished Ammunition Storage Ma | 1942              | U                |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-69    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-70    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-71    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-72    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           | E                |       | A     |                       |
|         | 66-73    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           | E                |       | A     |                       |
|         | 66-74    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-75    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-76    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-77    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-78    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-79    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-80    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-81    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-82    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-83    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-84    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       | P     |                       |
|         | 66-85    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-86    | Finished Ammunition Storage Ma | 1942              | U                |      |      |      | P                    |            |                             | P                           |                          | P                           | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-87    | Finished Ammunition Storage Ma | 1942              | U                |      |      |      | P                    |            |                             | P                           |                          | P                           | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-88    | Finished Ammunition Storage Ma | 1942              |                  |      |      |      | P                    |            |                             | P                           |                          | P                           | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 66-A     | Latrine                        | 19                |                  |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66-B     | Latrine                        | 19                |                  |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66-C     | Latrine                        | 19                |                  |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | T-66     | Latrine                        | 1962              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L30     |          | Group 66A                      |                   |                  |      |      |      | P                    |            |                             |                             |                          | P                           |                            |        |                     |              |          |                             |                  |       | P     |                       |
|         | 66A-89   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-90   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-91   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              |          | S                           |                  |       |       |                       |

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|         | 66A-92   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-93   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-94   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-95   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-96   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-97   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-98   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-99   | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-100  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-101  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-102  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-103  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-104  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-105  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-106  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-107  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-108  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-109  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-110  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-111  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-112  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-113  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-114  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-115  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-116  | Finished Ammunition Igloo      | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-117  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-118  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-119  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-120  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-121  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-122  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 66A-123  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           | E                |       | A     |                       |
|         | 66A-124  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           | E                |       | A     |                       |
|         | 66A-125  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           | B                |       | A     |                       |
|         | 66A-126  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           | E                |       | A     |                       |
|         | 66A-127  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           | B                |       | A     |                       |
|         | 66A-128  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           | E                |       | A     |                       |
|         | 66A-129  | Finished Ammunition Igloo      | 1942              |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           | E                |       | A     |                       |
|         | 66A-A    | Latrine                        | 19                |                  |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L31     |          | Extraction Pits                |                   |                  |      | P    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       | P     |                       |
|         | 9-31     | Lead Azide Storage Vault       | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 9-32     | Fulminate of Mercury Storage V | 1942              | U                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L34     |          | Former Burning Area            |                   |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       | P     |                       |
| L35     |          | Fill Area                      |                   |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       | P     |                       |
|         | 23-8     | Kemery Dam                     | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       | P     |                       |
|         | 23-10    | Emergency Pump Sta. Kemry Dam  | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
| L100    |          | PAS Survey Section 100         |                   |                  | S    | P    |      | P                    |            |                             |                             |                          | P                           |                            |        |                     |              |          |                             |                  |       | P     |                       |
|         | 74-4D    | Garage                         | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-5     | Residence                      | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-5A    | 3 Car Garage                   | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-5B    | 2 Car Garage                   | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-6     | Residence                      | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-6A    | Garage                         | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-7     | Residence                      | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-7A    | Residence                      | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |

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PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS

| Section | Building | Description                     | Construction Date | Occupancy Status | PCBs | USTs | ASTs | Chemicals/Containers | Pesticides | Biohazardous Material/Waste | Radioactive Materials/Waste | Hazardous Material/Waste | Sumps/Dry Wells/Septic/Etc. | Explosive Ordnance/Residue | Spills | Stressed Vegetation | Stained Soil | Asbestos | Photochemical Materials/Was | Lead Based Paint | Radon | Wells | Other Issues/Findings |
|---------|----------|---------------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 74-7B    | Residence                       | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-7C    | Residence                       | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
| L101    |          | PAS Survey Section 101          |                   |                  |      | P    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
| L102    |          | PAS Survey Section 102          |                   |                  |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 67-3     | Elevated Water Tank             | 1942              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
| L103    |          | PAS Survey Section L103         |                   |                  | S    |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 21-1     | North Substation                | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 21-2     | North Substation                | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
| L104    |          | PAS Survey Section 104          |                   |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
| L105    |          | PAS Survey Section 105          |                   |                  |      |      |      | P                    |            |                             |                             | S                        |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
| L106    |          | PAS Survey Section 106          |                   |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
| L107    |          | PAS Survey Section 107          |                   |                  | S    |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
| L108    |          | PAS Survey Section 108          |                   |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 71-9     | Commercial Truck Inspection Of  | 1942              |                  |      | R    |      | R                    |            |                             |                             |                          |                             |                            |        |                     | S            |          | P                           | S                |       |       | P                     |
| L109    |          | PAS Survey Section 109          |                   |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | S            |          |                             |                  |       |       | A                     |
| L110    |          | PAS Survey Section 110          |                   |                  |      |      |      | P                    | P          |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
| L111    |          | PAS Survey Section 111          |                   |                  | S    |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 4-27D    | Guard House                     | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-4B    | Residence                       | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
| L112    |          | PAS Survey Section 112          |                   |                  | P    | P    |      | P                    |            |                             |                             | S                        |                             |                            |        | P                   |              |          |                             |                  |       |       | P                     |
|         | 4-26     | Fulminate of Mercury Storage V  | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 5-26     | Fulminate Mercury Storage Vault | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 5-27     | Lead Azide Storage Vault        | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              | A        |                             | S                |       |       |                       |
|         | 6-10     | Power House                     | 1942              |                  |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 9-19     | First Aid Building              | 1942              |                  |      |      |      |                      |            |                             |                             |                          | R                           |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 9-26     | Sewage Pumping Station          | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 9-38A    | Emergency Load Center           | 1960              |                  |      |      |      |                      |            |                             |                             |                          | R                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 45-1     | Booster Reclaiming of Manufact  | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 45-2     | Women's Lunch & Change House    | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 45-3     | Office                          | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 45-4     | Fuse Reclaiming of Manufacture  | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 45-5     | Painting Building               | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 45-6     | Box Storage                     | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-1     | Residence                       | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-1A    | Garage                          | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-2     | Residence                       | 1940              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 74-2A    | Garage                          | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-2B    | Garage                          | 1940              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 74-3     | Residence                       | 1940              | O                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 74-3A    | Garage                          | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-3B    | Garage                          | 1940              | O                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 74-4A    | Residence                       | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 74-4C    | Garage                          | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
| L113    |          | PAS Survey Section 113          |                   |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 71-1     | Chemical Laboratory             | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
| L116    |          | PAS Survey Section 116          |                   |                  | S    |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 6-51C    | Barricade - Earthen             | 19                |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 24-1     | Reichert Fire Station           | 1942              | U                |      | P    |      | P                    |            |                             |                             |                          | A                           |                            |        |                     |              | S        |                             | S                |       |       | P                     |
|         | 24-1A    | Air Siren Building              | 1951              | U                | S    | P    |      | A                    |            |                             |                             | S                        |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 24-2     | Fire Extinguisher Service Bui   | 1942              | U                |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 24-3     | Oil Storage                     | 19                |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       | P                     |
|         | 62-25A   | Superintendent's Office (North  | 1942              |                  |      | P    |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             | S                |       |       | P                     |
|         | 62-25B   | Superintendent's Office (Sout)  | 19                |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 71-4B    | Diesel Generator Load Center    | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
| L117    |          | PAS Survey Section 117          |                   |                  | P    |      |      | P                    |            |                             |                             |                          | A                           |                            | S      |                     |              |          |                             |                  |       |       | P                     |

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|         | 2-27A    | Guard House                      | 1941              | U                |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 3A-27A   | Guard House                      | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L118    |          | PAS Survey Section 118           |                   |                  | P    |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 3-27A    | Guard House                      | 1941              | U                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 3-27B    | Guard House                      | 1941              | U                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 64-36    | Change House                     | 1973              | U                |      | P    |      |                      |            |                             |                             | P                        | A                           |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 64-35    | Equipment Room (in use by Hone   | 1942              | U                |      | S    |      |                      |            |                             |                             |                          | A                           |                            |        |                     | P            |          | S                           |                  |       |       | P                     |
|         | 64-26A   | Standard Fixed Ammunition Stor   | 1942              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 65-35    | Guard House                      | 1962              | U                |      | P    |      | P                    |            |                             |                             | P                        | P                           |                            |        |                     |              |          | S                           |                  |       |       | P                     |
|         | 67-4     | Tank, Elevated                   | 1942              | U                | A    |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| L119    |          | PAS Survey Section 119           |                   |                  | S    | P    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
| L120    |          | PAS Survey Section 120           |                   |                  | S    |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 1-46     | Guard House (Test Site)          | 1941              | U                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 3A-26    | Sewage Pumping Station           | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       | A                     |
| L121    |          | PAS Survey Section 121           |                   |                  |      |      |      | P                    |            |                             |                             |                          | A                           |                            | P      |                     |              |          | S                           |                  |       |       | P                     |
|         | 65-36    | Change House                     | 1963              |                  |      | P    |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       | P                     |
|         | 71-10    | TimeKeeper's Office              | 1942              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 307-1    | Process House                    | 1941              |                  |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 307-2    | Soda Ash Storage House           | 1941              | D                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 857      | Shook Storage                    | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | WMS-3    | Water Pump Station               | 1981              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | MS-188   | Inspection Platform              | 1956              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
| M15     |          | Sewage Treatment Plant           |                   |                  |      |      |      | P                    |            |                             |                             |                          | S                           |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 505-3    | Sewage Treatment Plant           | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       | P                     |
|         | 505-3-1  | Sewage Tank, Final Treatment     | 1969              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 706-1    | Laboratory                       | 1941              | U                |      |      |      | S                    |            |                             |                             |                          | S                           |                            |        |                     |              |          | S                           |                  |       |       | P                     |
| M99     |          | TNT Block Area                   |                   |                  | S    |      |      |                      |            |                             |                             |                          | S                           |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 704-16   | Supervisor's Office              | 1941              | D                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 707-17   | Change House                     | 1941              | D                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 707-20   | Change House                     | 1941              | D                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              | P        |                             |                  |       |       |                       |
|         | 715-4    | Storage Building, Oil & Kerosene | 1941              | D                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 719      | Storage Building                 | 1941              | D                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              | P        |                             |                  |       |       | R                     |
|         | 722-13   | Area Shop                        | 1941              | D                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 841      | Receiving House                  | 19                |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 841-1    | Receiving House                  | 1941              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        |                             |                  |       |       |                       |
|         | 841-2    | Receiving House                  | 1941              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        |                             |                  |       |       |                       |
|         | 841-3    |                                  | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 842-1    | Pressing & Crimping House        | 1941              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        |                             |                  |       |       | R                     |
|         | 842-2    | Pressing & Crimping House        | 1941              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        |                             |                  |       |       | R                     |
|         | 842-3    | Pressing & Crimping House        | 1941              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        |                             |                  |       |       | R                     |
|         | 842-4    | Pressing & Crimping House        | 1941              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        |                             |                  |       |       |                       |
|         | 842-5    | Pressing & Crimping House        | 1941              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        |                             |                  |       |       |                       |
|         | 843      | Nailing House                    | 1941              | D                |      |      |      |                      |            |                             |                             |                          | P                           |                            |        |                     |              | P        |                             |                  |       |       |                       |
|         | TS-1270  | Storage Shelter                  | 1967              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | MS-117   | Shed, Storage, Acetone           | 1951              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | MS-118   | Shed, Storage, Acetone           | 1951              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | MS-119   | Shed, Storage, Acetone           | 1951              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | MS-120   | Shed, Storage, Acetone           | 1951              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | MS-121   | Shed, Storage, Acetone           | 1951              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
| M100    |          | PAS Survey Section 100           |                   |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 412-2    | River Pump House (North)         | 1941              |                  |      | R    |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          | S                           |                  |       |       | P                     |
|         | 412-2-1  | North Alum Treatment Plant       | 19                |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| M101    |          | PAS Survey Section               |                   |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
| M102    |          | PAS Survey Section 102           |                   |                  | S    | P    |      |                      |            |                             |                             | P                        | A                           |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 505-6    | Sewage Disposal Plant            | 1959              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |

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U-Unoccupied O-Occupied D-Demolished

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SUMMARY OF PAS DATABASE CONTENTS  
PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS

| Section | Building | Description                    | Construction Date | Occupancy Status | PCBs | USTs | ASTs | Chemicals/Containers | Pesticides | Biohazardous Material/Waste | Radioactive Materials/Waste | Hazardous Material/Waste | Sumps/Dry Wells/Septic/Etc. | Explosive Ordnance/Residue | Spills | Stressed Vegetation | Stained Soil | Asbestos | Photochemical Materials/Was | Lead Based Paint | Radon | Wells | Other Issues/Findings |
|---------|----------|--------------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 505-6-1  | Sewage Lift Station (Pit)      | 1983              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 761-11   | Recreation Building            | 1961              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              | A        |                             | S                |       |       |                       |
|         | 1101-1   | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | E     |       |                       |
|         | 1101-2   | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-3   | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-4   | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-5   | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-6   | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-7   | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | E     |       |                       |
|         | 1101-8   | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | E     |       |                       |
|         | 1101-9   | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-10  | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-11  | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-12  | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-13  | Residence with Attached Garage | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | B     |       |                       |
|         | 1101-14  | Residence w/ attached garage   | 1941              | D                |      | P    |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 1101-15  | Residence with Attached Garage | 1941              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                | E     |       |                       |
| M105    |          | PAS Survey Section 105         |                   |                  | S    |      |      | S                    |            |                             |                             |                          | P                           |                            | P      |                     |              |          |                             |                  |       |       | P                     |
|         | 814      | Factory & Shook Storage        | 1941              | U                |      |      |      | P                    |            |                             |                             |                          | P                           |                            |        |                     |              |          |                             | S                |       |       | P                     |
|         | 411-1-4  | Well Water Pump Shelter        | 1985              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 411-2    | Well Water Pump House          | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       | P                     |
|         | 411-2-1  |                                | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 411-2-2  |                                | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 411-2-3  | Well Water Pump Shelter        | 1963              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 605-3-8  | Sentry Box                     | 1942              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 505-9    | Sewer, Storm                   | 1975              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 505-10   | Station, Sewage Ejector        | 1974              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 505-11   | Station, Sewage Ejector        | 1974              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 505-12   | Sewage Treatment               | 1983              |                  | A    | P    |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 505-13   | Sewage, Oxidation Ditches (2 E | 1983              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 505-14   | Sewage, Tank Settling #1       | 1983              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 505-15   | Sewage, Tank, Settling #2      | 1983              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 505-16   | Sewage, Chlorine Contact & Bac | 1983              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 505-17   | Sewage, Flow Splitter          | 1983              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 505-18   | Sewage, Final Sludge Sump      | 1983              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 505-19   | Sewage, Tank, Sludge Holding   | 1983              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 706-11   | Laboratory, General Purpose    | 1972              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       | P                     |
|         | 706-13   | Laboratory, General Purpose    | 1972              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 706-14   | Laboratory, General Purpose    | 1972              | U                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 706-15   | Laboratory, General Purpose    | 1972              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 706-16   | Laboratory, General Purpose    | 1972              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 709-2    | Forest Fire Station No. 2      | 1941              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 739      |                                | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 739-1    | Acid Resistant Putty Building  | 1953              |                  |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              | P        |                             | S                |       |       | P                     |
|         | TS-1242  | Hut, Quonset                   | 19                | D                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | TS-1243  | Hut, Quonset                   | 19                | D                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             |                  |       |       |                       |
| M106    |          | PAS Survey Section 106         |                   |                  | S    |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 411-3    | Well Water Pump House          | 1969              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 411-3-1  | Well Water Pump Shelter        | 1957              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       |                       |
| M107    |          | PAS Survey Section 107         |                   |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
| M108    |          | PAS Survey Section 108         |                   |                  | P    | P    |      |                      |            |                             |                             |                          | P                           | S                          |        | P                   |              |          |                             |                  |       |       | P                     |
|         | 8-30B    | Latrine (near 718-2)           | 19                |                  |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             | S                |       |       |                       |
|         | 411-5    | Well Water Pump House          | 1968              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             | S                |       |       | P                     |
|         | 411-5-1  | Well Water Pump Shelter        | 1941              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 704-14   | Supervisor's Office            | 1941              | U                |      |      |      |                      |            |                             |                             |                          | A                           |                            |        |                     |              |          |                             | S                |       |       |                       |

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|---------|----------|---------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 704-23   | Truck Inspector's Office  | 1968              |                  |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 707-13   | Change house              | 1941              | U                |      | R    |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       | P     |                       |
|         | 714-2    | Storage Buildings - Tools | 1967              |                  |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       | P     |                       |
|         | 718-2    | Locomotive House          | 1941              |                  | S    | P    |      |                      |            |                             |                             |                          | P                           | P                          |        |                     | P            | P        | P                           |                  |       | S     |                       |
|         | 722-14   | Carpenter Shop            | 1953              | U                |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 811-1    | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       | P     |                       |
|         | 811-2    | Magazine - Explosives     | 1941              |                  | S    |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       | P     |                       |
|         | 811-3    | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       | P     |                       |
|         | 811-4    | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       | P     |                       |
|         | 811-5    | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           | B                |       | P     |                       |
|         | 811-6    | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           | E                |       | P     |                       |
|         | 811-7    | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-8    | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-9    | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-10   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           | B                |       |       |                       |
|         | 811-17   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-18   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-19   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-20   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-21   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-22   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-23   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-24   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-31   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-32   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-33   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-34   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-35   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-36   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-37   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-38   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-46   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-47   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-48   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-49   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-50   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-51   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-52   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-53   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-60   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-61   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-62   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-63   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-64   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-65   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-66   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-67   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-75   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-76   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-77   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-78   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-79   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-80   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-81   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |
|         | 811-82   | Magazine - Explosives     | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     | P            | P        | S                           |                  |       |       |                       |

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U-Unoccupied O-Occupied D-Demolished

P-Present S-Suspected R-Removed A-Absent

E-Concentration >4pCi/L B-Concentration <4pCi/L

SUMMARY OF PAS DATABASE CONTENTS  
PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS

| Section | Building | Description                  | Construction Date | Occupancy Status | PCBs | USTs | ASTs | Chemicals/Containers | Pesticides | Biohazardous Material/Waste | Radioactive Materials/Waste | Hazardous Material/Waste | Sumps/Dry Wells/Septic/Etc. | Explosive Ordnance/Residue | Spills | Stressed Vegetation | Stained Soil | Asbestos | Photochemical Materials/Was | Lead Based Paint | Radon | Wells | Other Issues/Findings |
|---------|----------|------------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 811-90   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-91   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-92   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-93   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-94   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-95   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-96   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-97   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-98   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-104  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-105  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-106  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-107  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-108  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-109  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-110  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-111  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-112  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-113  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-119  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-120  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-121  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-122  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              |          | S                           |                  |       | P     |                       |
|         | 811-123  | Loading Dock - Explosive     | 1941              | S                |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-124  | Loading Dock - Explosive     | 1941              | S                |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-125  | Loading Dock - Explosive     | 1941              | S                |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-126  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-127  | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 1011-1   | Overnight Storage Barricades | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 1011-2   | Overnight Storage Barricades | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 1011-3   | Overnight Storage Barricades | 1941              | U                |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 1011-4   | Overnight Storage Barricades | 1941              | U                |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 1011-5   | Overnight Storage Barricades | 1941              | U                |      |      |      |                      |            |                             |                             |                          |                             | A                          |        |                     |              |          | S                           |                  |       |       |                       |
| M109    |          | PAS Survey Section 109       |                   |                  | S    | P    |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
| M110    |          | PAS Survey Section 110       |                   |                  | S    |      |      | S                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 411-11   | Well Water Pump House        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 411-11-1 | Well Water Pump Shelter      | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 411-12   | Well Water Pump House        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
|         | 411-13   | House, Pump & Booster        | 1975              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| M111    |          | PAS Survey Section 111       |                   |                  | S    |      |      |                      |            |                             |                             |                          |                             |                            |        | P                   |              |          |                             |                  |       |       | P                     |
|         | 704-12   | Yardmaster's Office          | 1941              |                  |      |      |      |                      |            |                             |                             |                          | S                           | A                          |        |                     |              |          | S                           |                  |       |       |                       |
|         | 704-22   |                              | 19                | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 709-3    | Forest Fire Station No. 3    | 1941              | D                |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |
|         | 811-11   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-12   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-13   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-14   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-15   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-16   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-25   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-26   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-27   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-28   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-29   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-30   | Magazine - Explosives        | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |

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|---------|----------|-------------------------|-------------------|------------------|------|------|------|----------------------|------------|-----------------------------|-----------------------------|--------------------------|-----------------------------|----------------------------|--------|---------------------|--------------|----------|-----------------------------|------------------|-------|-------|-----------------------|
|         | 811-40   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-41   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-42   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-43   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-44   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-45   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-54   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-55   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-56   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-57   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-58   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-59   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-68   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-69   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-70   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       | A                     |
|         | 811-71   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-72   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-73   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-74   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-84   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-85   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-86   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-87   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-88   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-89   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-99   | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-100  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-101  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-102  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-103  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-114  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-115  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-116  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-117  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-118  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-128  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-129  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-130  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-131  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
|         | 811-132  | Magazine - Explosives   | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             | P                          |        |                     |              | P        | S                           |                  |       |       |                       |
| M112    |          | PAS Survey Section 112  |                   |                  |      |      |      | P                    |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       | P                     |
|         | 814-1    | Sawdust Receiving House | 1941              |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          | S                           |                  |       |       |                       |
| M113    |          | PAS Survey Section 113  |                   |                  |      |      |      |                      |            |                             |                             |                          | S                           |                            |        |                     |              |          |                             |                  |       |       | P                     |
| M114    |          | PAS Survey Section 114  |                   |                  |      |      |      |                      |            |                             |                             |                          |                             |                            |        |                     |              |          |                             |                  |       |       |                       |

This summary must be used in conjunction with the PAS report/appendixes to determine level of concern.

U-Unoccupied O-Occupied D-Demolished

P-Present S-Suspected R-Removed A-Absent

E-Concentration >4pCi/L B-Concentration <4pCi/L

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number: L12****Future Owner: USDA**

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**Section Description: Doyle Lake Area**

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**Environmental Findings:****Explosive Ordnance/Residue**

Explosives are a contaminant of concern in this area according to the Installation Action Plan. Media of Concern: Sediment. Contamination significant enough to warrant remediation was not detected during the investigation phase. No further action planned. (UNKN01)

**PCBs**

PCBs are a contaminant of concern in this area according to the Installation Action Plan. (UNKN01)

**Pesticides**

Pesticides were considered a contaminant of concern for this area in the Installation Action Plan. (UNKN01)

Brulin was used as a soil sterillant in 1962 along installation fences. The spraying resulted in arsenic poisoning and the death of some cattle. (ARMY01)

**Other**

Metals and anions are contaminants of concern in this area according to the Installation Action Plan. Media of Concern: sediment in surface. Contamination significant enough to warrant remediation was not detected during the investigation phase. No further action planned. (UNKN01)

No environmental concerns evident in walk around holding pond and perimeter walk of western side of actual lake. (FIEL01)

This is the portion of L121 which is considered agricultural tract 2. The former lessee has held a lease on this tract of an unknown period of time. The lessee stated that soil was excavated from Doyle Lake and spoiled on the southwest corner of tract 2. (LESQ15)

Doyle Lake is a 12-acre surface impoundment receiving surface runoff from L1, L2, L3A, L64 and partially from L10 and L27. Compounds washed out from these areas may have migrated and compacted the lack. All sediment samples collected in 1978 contained arsenic, lead, 2,4,6-TNT and two samples contained 2,4- and 2,6-DNT. In 1982, 1985, and 1986, surface water was sampled and contained only RDX. (DAMO06)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L13**Future Owner:** USDA**Section Description:** Group 68

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**Environmental Findings:****Chemicals/Containers**

The Risk Assessment evaluation for this site, indicates that none of the estimated risk or hazard values exceed the targeted criteria for the future heat exposure scenerio that were considered. (DAMO23)

**Explosive Ordnance/Residue**

Consists of 23 Igloo-type Explosive Storage Areas. Media of concern: soil.

Contamination significant enough to warrant remediation was not detected during the Investigation Phase. No further action is planned for this site. (UNKN01)

Alliant stores tracer materials, and tracer residuals and scrap in Group 68. The tracer material consists of powered metals which are received in a pellet form. (MEMO05)

Twenty-three earth covered magazines were available for the storage of explosive materials. Each had a capacity of 100,000 pounds. Magazine 68-1, 68-3, 68-10, 68-11, and 68-17 were surveyed and all were found to be clean and materials stored on pallets in an orderly manner. (HYWLO4)

The sampling history at this site consists of four soil samples at the location of a fire that occurred in July 1990 and involved a drum containing RDX, near igloo 68-15. The samples estimated that 13 cubic yards of soil were contaminated with RDX and HMX. (DAMO01)

Drums and boxes containing explosives, fuzes, projectiles, and miscellaneous materials set up on pallets were observed in some of the magazines. No evidence of any substantial spills, leaks or stained areas were noted during the 1991 inspection. A limited area of RDX and HMX contaminated was found during the Phase 2 RI. (DAMO11)

In October 1995, USEPA inspected this area. No evidence of explosive contamination was observed. (EPAVO

**PCBs**

PCBs levels were below detection limits. (JAAP42)

**Other**

Latitude=041:21:22.9 Longitude=088:06:26.2

A foundation was observed and a 30x10 pit is located with it. The pit contains an old rusted 55 gallon drum (empty) with holes, a 5 gallon pail (empty), cattle bones and wooden debris. Located north of 68-1. (FIEL01)

Latitude=041:21:27.2 Longitude=088:06:27.0

A second concrete pad is located 150 west of the aboved refernced pad. Wooden debris also. (FIEL01)

In 1990, this area was operated by Honeywell, Inc. (UCCI01)

This group contains 23 fuse, primer, and booster igloos. (ACOE06)

Water and sediment samples were taken in August 1990. The samples appear to be environmentally sound. (JAAP42)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L20**Future Owner:** USDA

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**Section Description:** Group 20

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**Environmental Findings:****Chemicals/Containers**

RDX, bromodichloromethane, chloroform, lead, sodium, barium, and zinc were detected in the surface water. No site related contamination was found. (DAMO06)

**PCBs**

Latitude=041:21:15.5 Longitude=088:07:21.9

Pole 496: transformer (FIEL01)

**Sump/Septic/Dry Wells**

The treatment plant is currently operated by Alliant. This is currently the only operating wastewater treatment plant for JOAAP. Sludge is collected from this tank and removed off-site by a contractor. (FIEL01)

**Other**

Sludge previously generated at the sewage treatment plant was disposed of at the former sanitary landfill in L21. (ACOE01)

This sewage treatment plant receives sewage from the LAP side of facility. The treated effluent discharges to Prairie Creek via NPDES permitted outfall. NPDES Permit IL 002666. (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number: L21****Future Owner: USDA**

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**Section Description: Group 23**

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**Environmental Findings:****Aboveground Storage Tanks**

Latitude=041:21:46.8 Longitude=088:04:53.5

Generator with fuel tank adjacent to Pole 63. (FIEL01)

**Chemicals/Containers**

Latitude=041:21:36.0 Longitude=088:04:53.0

55 gallon drum empty; labeled "Antifreeze and Coolant" contains ethylene glycol. (FIEL01)

Latitude=041:21:53.0 Longitude=088:04:40.5

Foundations at southwest corner of Chicago and Center Road, broken transite, black residue, bottles, graduated cylinder, test tube, clay pipe, black slag inside newer foundation also 1/2 drum partly buried, glass slag, black glassy slag 1/2-3" diameter at southwest corner of one foundation, broken white ceramic container and possible reagent jars, 10-15 dirt mounds with building and metal debris at intersection. (FIEL01)

Maganese and sodium were detected at slightly elevated levels in groundwater downgradient of the landfill. This may indicate site-related contamination. No other contaminants of concern have been identified. (DAMO06)

**Explosive Ordnance/Residue**

Tetryl - Sealed bags, containing potentially contaminated coveralls worn by demolition workers, disposed in landfill. This is believed to be the landfill in L21. (JAAP04)

From the master plan dated July 1959, "Group 23 includes the two deep wells, water treatment plant, and the post burning ground (L2). (JAAP08)

**PCBs**

Latitude=041:22:09.2 Longitude=088:05:11.8

Pole 271 and 272: 3 transformers near 61-11 (FIEL01)

Latitude=041:21:34.4 Longitude=088:05:37.5

Pole 802: transformer at landfill (FIEL01)

Latitude=041:21:36.1 Longitude=088:04:35.5

Poles 52 and 53: 4 pole mount transformers; adjacent to east deep well, 3 at about 15 kVA and 1 at 5 kVA. (FIEL01)

Latitude=041:21:46.8 Longitude=088:04:53.5

Pole 63: 3 transformers "non-PCB" (FIEL01)

Latitude=041:21:45.0 Longitude=088:04:52.4

Pole 64: transformers (FIEL01)

Latitude=041:21:52.4 Longitude=088:05:04.2

Pole 288 and 289: 3 transformers "non-PCB"; one transformer without sticker (FIEL01)

Latitude=041:21:52.4 Longitude=088:05:13.8

Pole 28: transformer (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L22**Future Owner:** USDA**Section Description:** Group 25

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**Environmental Findings:****Chemicals/Containers**

The off-loading and transfer of material in this area may have caused surficial spillage of contaminants, though no spills were reported or documented. (DAMO06)

**PCBs**

Latitude=041:23:31.0 Longitude=088:04:05.6

There is a pole mounted transformere in front of Building 27-3. It appears to have one new and two old transformers that appear to be intact. Some galvanized metal pipes approximately twenty feet in length were also observed in front of the building. (FIEL01)

**Sump/Septic/Dry Wells**

Latitude=041:23:32.2 Longitude=088:03:58.8

An abandoned latrine was noticed between buildings 27-15 and 27-11. (FIEL01)

Latitude=041:23:32.2 Longitude=088:04:06.5

A latrine was observed between buildings 27-3 and 27-7. (FIEL01)

**Wells**

Latitude=041:23:24.0 Longitude=088:03:58.2

There is a vent pipe and two cased wells between buildings 27-20 and 27-21. The well cover flipped open and appeared to contain water. (FIEL01)

**Other**

Latitude=041:23:31.0 Longitude=088:04:05.6

Various types of rail cars are parked on the tracks. (FIEL01)

Contaminants of concern were not identified here and therefore no risks were calculated. This area was a classification yard for receiving supplies shipped to JAAP by rail. (DAMO23)

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### **Sump/Septic/Dry Wells**

There is a septic tank located at the intersection of Chicago Road and Central Road.

Another septic tank is next to the water treatment plant, in the south of region L21. (MAPS03)

### **Wells**

Latitude=041:21:38.8 Longitude=088:05:45.0

An unlocked groundwater/piezometer well was observed in the middle of the field east of Road 1. (FIEL01)

This group includes a one million gallon water reservoir. Several pump houses, a water tower, and a former residence were located in this group. (DAMO06)

### **Other**

Latitude=041:22:10.4 Longitude=088:05:11.0

Unknown operation adjacent to 61-11; dirt mound and large diameter pipe with scaffolding for lifting. Photo 2-1-16. (FIEL01)

Latitude=041:22:10.9 Longitude=088:05:16.5

Two 5" clay stickup pipes about 3' tall adjacent to sewer junction box. (FIEL01)

Latitude=041:21:47.6 Longitude=088:05:41.2

2 foundations; one has 2 pairs of wide concrete pads 3' wide 30' long 1' high and set about 1.5' apart, the pairs separated by about 12' of flush concrete with a trough running between pairs near corner of Central and Road 1 West. (FIEL01)

Latitude=041:21:34.4 Longitude=088:05:37.5

closed landfill; cap in good condition (FIEL01)

Latitude=041:21:54.6 Longitude=088:05:09.0

About 100 cubic yards of coal ash, pit about 40'x20'x4', 6 large dirt piles with metal pipes protruding from bottom, west of 23-7B. (FIEL01)

Latitude=041:21:53.7 Longitude=088:05:06.0

Foundation and 8" diameter well casing (about 30 lengths) on ground west of 23-7B. (FIEL01)

This is the portion L21 which is considered agricultural tract 79. The lessee has held a lease on this track for ten years.

No environmental concerns were identified in the lessee questionnaire. (LESQ13)

Sanitary landfill designated to handle domestic garbage and waste. Approximately 2000-3000 feet of pipe with asbestos insulation are being removed. All waste materials are being disposed of here. Permit Number 1982-034-Op 19780401 - will county. (ACOE04)

Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

Household trash, plant trash, construction debris and sludge from the sewage treatment plant were disposed in the landfill. Two flooded pits and a berm are also located in this area. Areas of potential concern identified in historical aerial photos include a former coal storage area; a loading dock, and two concrete pads. No environmental impact was observed. (DAMO06)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L23**Future Owner:** USDA**Section Description:** Group 27

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**Environmental Findings:****Explosive Ordnance/Residue**

Explosives are a contaminant of concern in this area according to the Installation Action Plan. This site is an inert material storage area and an incoming supply receiving area. Remediation of soil may be necessary. (UNKN01)

The sale of empty metal propellant drums and empty CBU containers has resulted in the complete elimination of all outside storage pads. All pallets formerly stored outside have been sorted and are now stored inside. (HIST16)

Empty metal drums for 75MM and 105MM charges were stored outside, west of this group. The drums were sold to buyers with the understanding that they were contaminated. (UCCI13)

**Hazardous Materials/Waste**

The site-related contaminants in the disposal pit at this site include: 2,4,6-TNT, 2,6-DNT, 2-nitrotoluene, nitrobenzene, antimony, barium, cadmium, chromium, copper, iron, lead, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc. (DAMO25)

**PCBs**

Soil beneath the transformers in front of building 27-1 were field screened for PCBs (12/12/95) and had less than 0.5 ppm PCBs. (FIEL01)

A pole mounted transformer which appeared to be intact was observed in front of Building 27-1. (FIEL01)

**Sump/Septic/Dry Wells**

There is a septic tank in the central north region of L23. (MAPS03)

Latitude=041:23:36.7 Longitude=088:04:36.2

Black stain between rails about 20' from road at west end of group about 20'x5' wide. (FIEL01)

Spent sandblast from water tower maintenance in 1991 or 1992 is known to have spread on north end of agricultural tract 14 east of L23. (MEMO09)

**Other**

Metals are contaminants of concern for this area in the Installation Action Plan. This site is an inert material storage area and an incoming supply receiving area. Remediation of soil may be necessary. (UNKN01)

Latitude=041:23:36.7 Longitude=088:04:36.6

A blue painted 55 gallon drum was noticed in this area. The drum appeared to be empty and the PID read 0 ppm. (FIEL01)

This site contains 22 warehouses. A small pit was used at this site to dispose of various waste. It was not known what type of wastes were disposed at this location. However, this area continues to be investigated as part of the IR program. JAAP personnel consider the potential for contamination in this area to be minimal. (DAMO25)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L24**Future Owner:** USDA**Section Description:** Group 29**Environmental Findings:****Chemicals/Containers**

No incidents involving spills were reported. Environmental media do not appear to have been impacted by site activities. No environmental samples have been collected to characterize the site because there is no evidence of potential contamination from previous site. (DAMO06)

**Other**

This group was formerly used as a classification yard for receiving incoming supplies transported by rail. Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L25**Future Owner:** USDA**Section Description:** Group 62

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**Environmental Findings:****Aboveground Storage Tanks**

Latitude=041:22:20.5 Longitude=088:05:08.2

Observed 500 gallon empty gasoline tank between 62-12 and 62-15. (FIEL01)

Latitude=041:21:11.8 Longitude=088:05:50.8

Two 250 gallon fuel tanks, both are empty. (AST both) (FIEL01)

Latitude=041:21:05.1 Longitude=088:05:29.1

One 250 gallon AST located between 62-3 and 62-2; which is empty. (FIEL01)

Three 250 gallon ASTs were observed in the warehouse area. No evidence of spills or stained soil was observed, nor were stains or stressed vegetation. (DAMO13)

**Chemicals/Containers**

Latitude=041:21:23.1 Longitude=088:04:56.0

Empty 55 gallon drum on railroad track on east end of group. (FIEL01)

Latitude=041:21:11.8 Longitude=088:05:50.8

Paint storage container with two empty paint cans. (FIEL01)

Soil samples were collected from the area where dark material was identified. The samples contained arsenic, calcium and magnesium which were identified as possible site related contaminants. (DAMO13)

100 lb drum of ferric chloride anhydride (full) was located at this site. (FIEL01)

**Explosive Ordnance/Residue**

Empty propellant drums were shuttled from the operating groups after emptying, to this group for outloading to be reused for shipment of propellants. Sometime in 1971 or before, the drums were moved to Group 27. (UCCI13)

**PCBs**

Latitude=041:21:27.1 Longitude=088:05:18.0

Pole 119: transformer, south of building 62-13 by 80'. (FIEL01)

Latitude=041:21:22.2 Longitude=088:05:13.3

Pole 783: Nestled in among 62-12, 13, 15 and 16 are 2 poles with 3 transformers (FIEL01)

Latitude=041:21:33.0 Longitude=088:05:20.7

Poles 107 and 106: between 62-17 and 62-14 there are 3 transformers (FIEL01)

Latitude=041:21:11.8 Longitude=088:05:50.8

Poles 189 and 190: 3 transformers (FIEL01)

Latitude=041:21:12.3 Longitude=088:05:40.9

Pole 194: 1 transformer, there are no evident stains. (FIEL01)

Latitude=041:21:10.8 Longitude=088:05:35.2

Pole 198 and 199: 3 transformers on cross beams. (FIEL01)

Latitude=041:21:02.0 Longitude=088:05:28.3

Poles 206 and 207: three transformers on cross beams. (FIEL01)

**Sump/Septic/Dry Wells**

Berm near Group 62 is from ditch cleanout. Ditches were cleaned out every 10 to 15 years and spoils would have been adjacent to ditches and possibly spread. (FIEL01)

**Other**

Metal - Aerial photo indicates a large pile of dark material (possibly some kind of metal) located north of the Northern Warehouse Area. In addition, various unknown material were apparently stored outside the warehouses.

No spills of potentially hazardous material are documented and there has been no report of potential contamination. (DAMO06)

Latitude=041:21:32.1 Longitude=088:05:20.2

Two 50'x 20' piles of old tires and shrubs adjacent to stream near west end. (FIEL01)

Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L26**Future Owner:** USDA**Section Description:** Group 63**Environmental Findings:****Explosive Ordnance/Residue**

2,115,600 pounds of TNT were relocated from this group to Group 811. (HIST36)

This group consists of 78 igloo type magazines which contained high explosives, smokeless powder and finished ammunition. Each igloo was earth covered. (JAAP08)

**Sump/Septic/Dry Wells**

Latitude=041:22:44.2 Longitude=088:06:14.4

A latrine is near buildings 63-5 and 63-6. (FIEL01)

Latitude=041:22:33.4 Longitude=088:06:56.3

Latrine (FIEL01)

**Spills**

No incidents involving spills of potentially hazardous materials were documented. No potential areas of concern were observed during the 1991 inspection. The Phase 1 RI concluded that no potential site related contaminants were identified for groundwater, surface water or sediment. No areas of stressed vegetation were found in October 1995. (DAMO06)

**Other**

This group contains 78 high explosive igloos. (ACOE06)

Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L27**Future Owner:** USDA**Section Description:** Group 64

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**Environmental Findings:****Chemicals/Containers**

Empty propellant drums found east of 64-20. (FIEL01)

Paint chips observed on the ground at this site were found to contain high levels of lead and chromium; however, they do not appear to have contaminated the soil. (DAMO06)

**Explosive Ordnance/Residue**

In 1989, Honeywell began using this area for the production of AT4. (AAMC03)

Explosives that were stored here do not appear to have reacted, generated wastes or caused any contamination. (DAMO25)

**PCBs**

Latitude=041:21:53.6 Longitude=088:02:26.6

Pole 342: transformer; there is staining evident on ground. (FIEL01)

Latitude=041:21:31.9 Longitude=088:02:22.0

Pole 461: transformer, there is no staining evident on ground. (FIEL01)

Latitude=041:21:27.8 Longitude=088:02:23.4

Pole 445: transformer, there is no staining evident on ground. (FIEL01)

Latitude=041:21:36.5 Longitude=088:02:30.0

Pole 450: transformer, there is no staining evident on ground. (FIEL01)

Latitude=041:21:29.2 Longitude=088:02:36.5

Pole 436: transformer, there is no staining evident on ground. (FIEL01)

Latitude=041:21:19.1 Longitude=088:02:43.1

Pole 430: transformer, there is no staining evident on ground. (FIEL01)

Latitude=041:21:21.5 Longitude=088:02:32.3

Pole 440: transformer, there is no staining evident on ground. (FIEL01)

**Radioactive Materials/Waste**

Depleted uranium projectiles manufactured off-site were stored in Group 64 by Alliant prior to assembly into munitions. The projectiles were kept in DOT approved shipping packaging during storage. (MEMO05)

**Sump/Septic/Dry Wells**

There are several outhouses located 100' from respective buildings. (6-8) (FIEL01)

**Spills**

This area was used for the storage of high explosives, smokeless powder, and finished ammunition. No spills involving potentially hazardous materials were reported. (DAMO06)

**Other**

Lead is a contaminant of concern for this area in the Installation Action Plan. Remediation of soil may be necessary. (The site contains 34 fixed ammunition magazines on 280 acres.) (UNKN01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L28**Future Owner:** USDA**Section Description:** Group 65

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**Environmental Findings:****Chemicals/Containers**

On the east side of 65-34 there is a flammable storage cabinet with oil lubricants. Also, a cage contains a propane cylinder. (FIEL01)

**Explosive Ordnance/Residue**

Alliant currently utilizes 65-1 through 65-11 for munitions storage. (FIEL01)

In 1989, Honeywell began using this area for the production of AT4. (AAMC03)

This area was used for the storage of high explosives, smokeless powder, and finished ammunition. They are arranged in five evenly spaced rows, and are provided with lightning protection. No potential areas of concern were observed. (DAMO06)

**Hazardous Materials/Waste**

Two administrative buildings, potentially containing hazardous materials, were observed at this site. (DAMO06)

**Sump/Septic/Dry Wells**

Latitude=041:20:45.4 Longitude=088:03:35.2

Outhouse broken up on western end of site. Pump out present adjacent to house. Located at Gate and access road. (FIEL01)

Latitude=041:20:29.2 Longitude=088:03:22.6

Outhouse with pump out found at location. A junked truck immediately south of outhouse. (FIEL01)

**Other**

There are 2 piles of debris in form of railroad ties and other creosote treated lumber, between 65-10 and 65-11, both next to drainage ditch, occupying a 200 square feet area. (FIEL01)

This is the portion L28 which is considered agricultural tract 78. The current lessee has held a lease on this track for seven years.

No other environmental concerns were addressed in the lessee questionnaire. (LESQ03)

This group contains 33 smokeless powder igloos. (ACOE06)

Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

In 1959, this group was used for storage of items for production of a classified nature. (JAAP08)

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Some (about 4) piles of dirt and small gravel are observed in center of site. They are vegetated. (FIEL01)

An area about 200'x40' between buildings 64-12 and 64-13 appeared to have been disturbed (eg. plowed). Soils are soft and vegetation is different than other in general area. (FIEL01)

Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L29**Future Owner:** USDA**Section Description:** Group 66

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**Environmental Findings:****Explosive Ordnance/Residue**

A waiver permitting the outdoor storage of ammunition in the Igloo Area was endorsed. The outside storage consists of 155mm, H.E. Shells. This ammunition was scheduled for either renovation or demilitarization. All 650# TNT Navy Depth Bombs were scheduled to be removed. The outside storage of ARFO ammunition stored at Kankakee and the roadside storage of 90mm at the Elwood Ordnance Plant were scheduled for demilitarization or War Reserves. (HIST60)

**PCBs**

Latitude = 041:21:59.5 Longitude = 088:02:28.0  
Pole 362: transformer; southwest corner of group. (FIEL01)

**Sump/Septic/Dry Wells**

Latitude = 041:22:29.8 Longitude = 088:01:43.2  
A latrine (66A) is located west of 66-51. (FIEL01)

Latitude = 041:22:46.1 Longitude = 088:01:39.9  
A latrine is located west of 66-32. (FIEL01)

**Other**

Latitude = 041:22:16.2 Longitude = 088:02:12.8  
Dirt mounds 20'x10'x3' with metal and clay pipe mixed in. (FIEL01)

This group contains 88 finished ammunition igloos. (ACOE06)

Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

Platforms for storage of 155 mm HE shells were located between igloos 66-78 and 66-79, 66-80 and 66-81, 66-82 and 66-83, 66-84 and 66-85, 66-86 and 66-87, and three additional platforms on the south side of the rail spur. (SPED01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L30**Future Owner:** USDA**Section Description:** Group 66A

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**Environmental Findings:****Chemicals/Containers**

Latitude=041:23:00.0 Longitude=088:03:25.2

An empty drum was noticed piled upon a stack of railway ties. (FIEL01)

Latitude=041:23:18.0 Longitude=088:02:12.4

A rusted drum was found between buildings 66A-91 and 66A-92. (FIEL01)

Latitude=041:23:17.8 Longitude=088:02:12.4

Three drums were found in between buildings 66A-90 and 66A-91. PID did not detect anything. (FIEL01)

**Explosive Ordnance/Residue**

This group consists of 41 magazines used for the storage of finished ammunition. This area was used for the storage of high explosives, smokeless powder, and finished ammunition. (DAMO06)

**Other**

This is agricultural tract 69. The current lessee has held the lease on the tract for one year. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ05)

This group contains 41 finished ammunition igloos. (ACOE06)

Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L31**Future Owner:** USDA**Section Description:** Extraction Pits

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**Environmental Findings:****Aboveground Storage Tanks**

Latitude=041:21:07.5 Longitude=088:07:38.8

500 gallon fuel tank, appears to be empty, according to lessee never used on-site and is owned by him. (FIEL01)

**Other**

Area consists of 3 pits and numerous dirt mounds, some scrap metal and construction rubble in large pit and west pit. (FIEL01)

Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

No potential site-related contaminants have been identified in soils or surface water. (DAMO06)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L35**Future Owner:** USDA**Section Description:** Fill Area

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**Environmental Findings:****Other**

Latitude=041:21:52.9 Longitude=088:06:11.8

There is a foundation at east end of dam. (FIEL01)

About 200' north of MW507 there are about 10 dirt mounds on top of slope to lake, small pit 10x5x3' deep, pit has an 8" diameter tree in it. Building 23-8 has been demolished. (FIEL01)

An earth filled dam accross Prairie Creek washed out in the Spring of 1947. The dam was repaired. This is surmised to be the dam forming Kemery Lake. (ACOE06)

Contaminants of concern were not identified here and therefore no risks were calculated. (DAMO23)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L100**Future Owner:** USDA**Section Description:** PAS Survey Section 100

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**Environmental Findings:****Aboveground Storage Tanks**

Latitude=041:21:52.0 Longitude=088:07:49.6

Abandoned gasoline AST on its side within cow pasture. Art Holz reports it was abandoned by a lessee. (FIEL01)

Latitude=041:21:51.9 Longitude=088:07:13.0

There is a 300-gallon tank in a collapsed building. (FIEL01)

**PCBs**

Latitude=041:21:52.7 Longitude=088:07:09.2

Pole 221: pole mount transformer, 5 kW (FIEL01)

Latitude=041:21:53.9 Longitude=088:07:47.4

Pole 256: pole mount transformer, 5 kW; outside appears oily, no stained soil visible (FIEL01)

Latitude=041:22:22.4 Longitude=088:07:19.4

Pole mount transformer at southwest corner of group 63, 5 kW (no pole) (FIEL01)

**Pesticides**

Brulin was used in 1962 as a soil sterilant along installation fences. The spraying of this pesticide resulted in arsenic poisoning and the death of several cattle in this area. (ARMY01)

**Sump/Septic/Dry Wells**

Latitude=041:21:51.9 Longitude=088:07:13.0

An opening about 2x2' near a collapsed building could be a septic tank. It is mostly filled with dirt. (FIEL01)

**Wells**

Latitude=041:23:11.2 Longitude=088:07:16.0

Rusted well casing, probably abandoned and some concrete foundations. (FIEL01)

Farm well - Art Holz showed location of farm well covered with railroad ties adjacent to a collapsed building. (FIEL01)

Latitude=041:22:22.4 Longitude=088:07:19.4

Well in small shed (collapsed) (FIEL01)

**Other**

Latitude=041:21:51.9 Longitude=088:07:13.0

Forty phone poles on ground, 4 building foundations, several empty 5 and 55 gallon containers, 2 collapsed buildings. (FIEL01)

Latitude=041:21:53.9 Longitude=088:07:47.4

foundations from former residences (FIEL01)

Latitude=041:22:29.0 Longitude=088:07:08.0

Pile of railroad ties, about 25 (FIEL01)

Latitude=041:22:40.4 Longitude=088:07:23.0

Mound of dirt 20'x20'x3' and foundations, one with basement west of Group 63, empty crate labeled "1330-00-682-4645 G 927 Grenade, hand-riot M25AZ 0.7 cubed feet " (FIEL01)

This the portion of L100 which is considered agricultural tract 54. The lessee has held the lease of the tract for an unknown period of time. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ12)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L101**Future Owner:** USDA**Section Description:** PAS Survey Section 101

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**Environmental Findings:****Underground Storage Tanks**

Latitude = 041:23:08.7 Longitude = 088:05:50.4

Rusted steel tank appears partially buried and stands 3' above the ground and has a vent pipe at top. Art Holz states this is a stock watering tank. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L102**Future Owner:** USDA**Section Description:** PAS Survey Section 102**Environmental Findings:****Sump/Septic/Dry Wells**

There is a septic tank in the western part of L102, at the intersection of Chicago Road and Road North. (MAPS03)

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## JOLIET ARMY AMMUNITION PLANT SECTION PROFILE

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**Section Number:** L103

**Future Owner:** USDA

**Section Description:** PAS Survey Section L103

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**Environmental Findings:**

**PCBs**

North LAP Electric Substation is located here. (SPED01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L104**Future Owner:** USDA**Section Description:** PAS Survey Section 104**Environmental Findings:****Other**

Latitude=041:23:41.8 Longitude=088:02:44.1

A concrete pit and some concrete pads were noticed a half a mile west of Gate 20. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L105**Future Owner:** USDA**Section Description:** PAS Survey Section 105

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**Environmental Findings:****Chemicals/Containers**

Latitude=041:23:16.6 Longitude=088:00:50.1

Empty 55 gallon drums, unmarked, found in a tree line in the middle of the eastern part of L105. (FIEL01)

Observed a small pile of debris that contained an empty rusted 5 gallon container which in part read "Butyl Ester 400 Weed Tiller by Gordan Corp." (FIEL01)

Latitude=041:23:06.1 Longitude=088:02:12.3

Observed about 10 rusted and open at both ends 55 gallon empty drums immediately south of Prairie Creek about 120 yards east of Road 2 East near barricade in reference to road. Drums were in area of heavy vegetation. (FIEL01)

**Sump/Septic/Dry Wells**

Latitude=041:22:51.5 Longitude=088:01:58.3

Observed what appears to be an outhouse constructed with transite just west of the fence of Group 66 between 66-4 and 66-5. May have a septic tank. (FIEL01)

Latitude=041:23:24.0 Longitude=088:02:17.4

Galvanized shed, old refrigerator, multiple foundations including a basement. Possible septic and well. Northwest part of L105. (FIEL01)

**Wells**

Latitude=041:23:24. Longitude=088:02:17.

Galvanized shed, old refrigerator, multiple foundations including a basement. Possible septic and well. Northwest part of L105. (FIEL01)

**Other**

Latitude=041:22:46.8 Longitude=088:00:46.2

Multiple foundations and associated structures 200' northwest of Gate 22. (FIEL01)

Latitude=041:23:24.0 Longitude=088:02:17.4

Galvanized shed, old refrigerator, multiple foundations including a basement. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L106**Future Owner:** USDA**Section Description:** PAS Survey Section 106

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**Environmental Findings:****Chemicals/Containers**

Latitude=041:22:10.5 Longitude=088:01:03.9

Signal box with lead storage batteries located on railroad right-of-way in eastern part of L106; 2'x  
2' concrete box. (FIEL01)

**Other**

Multiple pits intermeshed for unknown reason. Located 400 yards south of Klinger Cemetery. (FIEL01)

This is the portion L106 which is considered agricultural tract 68. The former lessee held a lease  
on this track around 1960.

The lessee noted that there were piles along the west side of tract which he believed were dumped  
there by JAAP. (LESQ12)

Soil appears to have been dumped in a former farm building on the site on the west side of the  
tract. (LESQ15)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L107**Future Owner:** USDA**Section Description:** PAS Survey Section 107

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**Environmental Findings:****Chemicals/Containers**

Latitude=041:21:54.8 Longitude=088:02:38.5

Southeastern L107: 3 very rusted, unmarked 5 gallon containers. (FIEL01)

**PCBs**

Latitude=041:21:57.4 Longitude=088:02:28.7

Pole 685: possible power switch box on pole in far southeast corner of L107. (FIEL01)

Latitude=041:22:27.6 Longitude=088:03:26.6

Pole 283: transformer on Road 1 East, 50 yards south of Prairie Creek. (FIEL01)

Latitude=041:22:34.1 Longitude=088:03:25.2

Pole 282: transformer on Road 1 East, immediately south of Prairie Creek (FIEL01)

Latitude=041:22:28.5 Longitude=088:02:26.3

Pole 782: transformer and switch box at southwest of the western railroad siding. (FIEL01)

**Other**

Latitude=041:22:32.5 Longitude=088:02:27.1

Visible staining along rail right-of-way on the eastern rail of the western siding. (FIEL01)

Sandblast grit was observed in the soil beneath water tower 67-4. A pile of sandblast sand was also observed at the turn in the access road to water tower 67-4. (MEMO09)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L108**Future Owner:** USDA**Section Description:** PAS Survey Section 108

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**Environmental Findings:****Chemicals/Containers**

Latitude=041:22:05.5 Longitude=088:03:59.5

Old 55 gallon drum with solid matrix (chemical) adjacent to it. (FIEL01)

**Other**

Latitude=041:21:57.5 Longitude=088:03:32.8

House foundation, 40-50 year old trees observed within foundation. Located in far southeast corner of L108. (FIEL01)

Latitude=041:22:44.5 Longitude=088:04:27.0

A lake is present in the northwest corner of L108, about 40,000 square feet. A sign near Road 1 North says "TROUT Daily Limit 5 Possession 10" (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L109**Future Owner:** USDA**Section Description:** PAS Survey Section 109

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**Environmental Findings:****Stressed Vegetation/Stained Soil**

Latitude = 041:22:28.8 Longitude = 088:05:28.4

West of Group 61, piles of dirt between rail spur and Group 61. Very little growth, about 1 acre area. Art Holz reports this was used as a borrow area. (FIEL01)

**Other**

The current lessee for agricultural tract 37 which lies on L109 has held the lease for 2 years. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ02)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L110**Future Owner:** USDA**Section Description:** PAS Survey Section 110

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**Environmental Findings:****Chemicals/Containers**

An empty, rusted out 55-gallon drum lies near the head of a small drainage, south of east end of Group 63. (FIEL01)

**Pesticides**

Brulin was used in 1962 as a soil sterilant along installation fences. The spraying of this pesticide resulted in arsenic poisoning and the death of several cattle in this area. (ARMY01)

**Wells**

Latitude=041:22:21.0 Longitude=088:06:52.9

4" PVC in a 4" square metal pipe about 2.5' high adjacent to 2 west monitoring wells. (FIEL01)

**Other**

Latitude=041:22:27.0 Longitude=088:05:42.2

Culverts and minor construction rubble are piled here. (FIEL01)

Piles along east side of Group 63, little or no debris in piles. (FIEL01)

The current lessee for agricultural tract 23 which lies in L110, has held a lease on this tract for 5 years. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ13)

This is the portion of L110 which is considered agricultural tract 30. The current lessee has held the lease on this tract for two years. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number: L111****Future Owner: USDA**

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**Section Description: PAS Survey Section 111**

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**Environmental Findings:****PCBs**

Latitude=041:21:37.8 Longitude=088:06:53.3  
Pole 71: transformer (FIEL01)

Latitude=041:21:23.2 Longitude=088:07:39.4  
Pole 260(?): Transformer (FIEL01)

Latitude=041:21:23.5 Longitude=088:07:36.3  
Pole 268: transformer (FIEL01)

Latitude=041:21:24.6 Longitude=088:07:58.1  
Pole 295: transformer (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L112**Future Owner:** USDA**Section Description:** PAS Survey Section 112

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**Environmental Findings:****Chemicals/Containers**

Latitude=041:20:31.9 Longitude=088:07:42.1

Broken up old 55 gallon drum found immediately adjacent to 1,000 square yard stressed vegetation area, west of East Road. No markings on drum. (FIEL01)

Latitude=041:21:22.5 Longitude=088:07:00.8

Two 55 gallon drums and a 100 gallon metal hopper stand east of Group 8 about 30' from east road. They contain metal debris and coarse gravel. (FIEL01)

**PCBs**

Latitude=041:21:03.5 Longitude=088:07:56.8

A pole mounted transformer is located along Rt.53 in front of building. (FIEL01)

Latitude=041:20:38.3 Longitude=088:07:51.5

Pole 335: about 125' north of 74-2, has transformer as well as pole 10' south of it. No pole number on second pole. (FIEL01)

Latitude=041:21:18.0 Longitude=088:07:27.7

Pole 193: transformer between Groups 8 and at northern end of L112. (FIEL01)

Latitude=041:21:04.7 Longitude=088:06:51.2

Pole 55: transformer just inside west fence of 412. (FIEL01)

PCBs levels were below detection limits. (JAAP42)

**Sump/Septic/Dry Wells**

Latitude=041:21:21.3 Longitude=088:07:57.9

Maybe an old septic tank . It is a concrete pad near 18" x 18" opening. (FIEL01)

**Underground Storage Tanks**

Latitude=041:21:21. Longitude=088:07:57.

Old building foundation with two steel 1" pipe stick ups adjacent to foundation. (FIEL01)

**Stressed Vegetation/Stained Soil**

Latitude=041:20:31.9 Longitude=088:07:42.1

A 1,000 square yard area with obvious little or no vegetation growth in large field, west of East Road. May be a cattle congregation point. (FIEL01)

**Other**

Latitude=041:20:55.0 Longitude=088:07:36.7

Mounds of dirt containing concrete and rock rubble; no apparent environmental concern. (FIEL01)

Latitude=041:21:14.5 Longitude=088:07:41.2

No apparent environmental concern; rubble from buildings: concrete, wood, steel, shingles. South of Group 9. (FIEL01)

Latitude=041:20:14.6 Longitude=088:07:16.8

Wood and metal debris 5-10 yards south of Group 7. (FIEL01)

Latitude=041:20:16.3 Longitude=088:06:55.4  
Depression 1/2 acre, south of Group 7. (FIEL01)

Latitude=041:21:12.6 Longitude=088:07:52.7  
Various soil piles - Some pipes, inside fence that runs north/south on south end of Group 7. (FIEL01)

There are several large dirt piles and no visible debris in this area. (FIEL01)

Water and sediment samples were taken in August 1990. The samples appear to be environmentally sound. (JAAP42)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L113**Future Owner:** USDA**Section Description:** PAS Survey Section 113

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**Environmental Findings:****Chemicals/Containers**

Latitude=041:21:30.9 Longitude=088:06:48.0

Empty old rusted 55 gallon drum along unmarked road adjacent to Prairie Creek. (FIEL01)

**Other**

Latitude=041:21:36.4 Longitude=088:06:34.5

A disturbed area was found along an unmarked road along Prairie Creek. Characterized by a depression with a corresponding dirt pile commensurate with depression. Also scattered concrete and rock and other apparently non-hazardous rubble. (FIEL01)

Latitude=041:21:36.5 Longitude=088:06:04.5

An area along drainage ditch near Group 62 observed to contain fencing materials, bottles, glassware and various non-hazardous garbage. (FIEL01)

This is the portion of L113 which is considered agricultural tract 76. The current lessee has held the lease on this tract for seven years. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ07)

MW138 is located near the northeast corner of M13. Explosives were detected in 1981 but were believed to be the result of cross contamination as no explosives have been detected in the three subsequent sampling events. Both 1,1,1-TCA (over 1,000 ug/l) and 1,1-DCA (10 ug/l) were detected in 1981 but were not detected subsequently. (DAMO06)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L116**Future Owner:** USDA**Section Description:** PAS Survey Section 116

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**Environmental Findings:****PCBs**

Latitude=041:20:48.1 Longitude=088:05:21.4

Pole #13 - transformers are located just north of road 1 1/2 south. There is no evidence of leakage. (FIEL01)

**Other**

Latitude=041:21:24.9 Longitude=088:04:50.3

Three piles, each about 200 square feet, are located down unmarked road near stream; piles contain wood/lumber. (FIEL01)

A portion of this group is considered agricultural tract 28. The former lessee held a lease on this track for one year.

The lessee noted that there were brick and rebar in the field.

No other environmental concerns were addressed in the lessee questionnaire. (LESQ14)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L117**Future Owner:** USDA**Section Description:** PAS Survey Section 117

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**Environmental Findings:****Chemicals/Containers**

Latitude=041:21:03.5 Longitude=088:03:42.5

One empty 55 gallon drum located in this section. (FIEL01)

High nitrate levels were found in 4 out of 8 soil samples taken in October and November 1990. (JAAP42)

**Explosive Ordnance/Residue**

Soil samples were taken in the area where an explosion had occurred in 1942. No TNT or other explosives were detected in soil samples within track 61. (JAAP42)

**PCBs**

Soils of tract 61 were sampled in October and November 1990. Soil next to transformer pad 4 had the highest PCB concentration of 25 ppm. The present leasing policy, requiring a 50 foot setback from the transformer pads, provides a more than adequate safety margin. (JAAP42)

**Stressed Vegetation/Stained Soil**

Latitude=041:21:51.5 Longitude=088:03:28.6

150 square feet of obvious staining and vegetative stress located immediately west of road running on the western side, northwest of Group 2. Other debris (wood, tires, metal) are scattered about the area. (FIEL01)

**Other**

Latitude=041:21:35.5 Longitude=088:07:28.3

East of Group 2 about 1/4 acre area with scattered debris including: 5 gallon buckets, transite, concrete, railroad ties, various metals and wood. Material has apparently been present here for a long time as evidenced by moss growing on concrete and wood. (FIEL01)

Latitude=041:21:14.0 Longitude=088:04:35.2

5-10 building foundations, about 10 dump-truck size mounds of dirt, miscellaneous debris, open concrete pit 3'x6'x3' deep, and transite. (FIEL01)

Latitude=041:20:35.6 Longitude=088:03:52.4

Building debris, metal and concrete 20'x5'x5' east of and between 3A and 1. (FIEL01)

Latitude=041:21:02.3 Longitude=088:04:08.9

Rubble pile including dump truckload size piles of dirt and asphalt on what appeared to be old parking lots from asphalt and concrete beam observations. (FIEL01)

Latitude=041:21:02.6 Longitude=088:03:47.4

Building foundation in woods east of 3A. (FIEL01)

Latitude=041:21:07.5 Longitude=088:03:50.9

Pit noted in Phase I &amp; II Remedial Investigation by Dames &amp; Moore at east side of group L10. (FIEL01)

Latitude=041:21:20.0 Longitude=088:03:55.2

Pile of dirt (apparently) vegetated near prairie grass 50x12x4. North of 3A about 30' north on fence line. (FIEL01)

Latitude=041:21:40.0 Longitude=088:04:12.0

Two piles; one bricks, one railroad ties and brush on north side of 3A about 40' south of railroad tracks. Both about 5x5x4. (FIEL01)

A debris area of approximately 1.5 acres is located here. Previous studies have observed it to contain primarily scrap metal, wood, and concrete. This debris is believed to be the remains of building 2-10 which was destroyed in an explosion in 1942. The debris in this area was not considered an environmental concern. (DAMO11)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L118**Future Owner:** USDA**Section Description:** PAS Survey Section 118

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**Environmental Findings:****PCBs**

Latitude=041:21:28.9 Longitude=088:02:56.8  
Pole mounted transformer. (FIEL01)

Latitude=041:21:55.3 Longitude=088:02:31.5  
Pole 683/684 and 699: contain 3 pole mounted transformers. Pole 699 also has switch box. (FIEL01)

Latitude=041:21:55.7 Longitude=088:02:34.7  
Pole 328: pole mounted transformers (FIEL01)

Latitude=041:21:28.9 Longitude=088:02:56.8  
An electric unit is located at the base of a water tower uprights. A 10 square feet oil stain is present below the unit. An oily/watery liquid standing inside the unit was sampled using DEXIL PCB analysis. Results were less than 50 ppm. (FIEL01)

**Other**

Latitude=041:21:55.3 Longitude=088:03:20.3  
A pile containing about 15 cubic yards of building debris including transite. (FIEL01)

Latitude=041:21:28.9 Longitude=088:02:56.8  
Water Towers - Upon inspection of soil directly under tower small diameters of hard grit in uniform size were observed. May be from sand blasting. (FIEL01)

Latitude=041:21:37.6 Longitude=088:03:01.4  
A debris pile located adjacent to tracks contain wood, concrete and apparently sand blast grit. Pile about 50' long and 4' wide. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L119**Future Owner:** USDA**Section Description:** PAS Survey Section 119

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**Environmental Findings:****Aboveground Storage Tanks**

Latitude=041:21:02.2 Longitude=088:01:58.2

500 gallon petroleum tank disposed of on side of road leading to Gate 24. (FIEL01)

**PCBs**

Latitude=041:21:04.6 Longitude=088:02:45.4

Pole 83: transformer east of building (FIEL01)

**Wells**

There is a groundwater well and an oil tank (concrete base and galvanized wall 15' diameter x 2'), 200 yards west of gate 24. (FIEL01)

**Other**

Latitude=041:21:09.0 Longitude=088:02:36.6

Three sets of concrete foundations south of Group 64 adjacent (north) of South Road. (FIEL01)

Latitude=041:21:20.6 Longitude=088:02:14.5

Slab and foundation and nearby pit (15'x4' deep) east of Group 64. (FIEL01)

Latitude=041:21:56.4 Longitude=088:01:34.9

Basement foundations with sewer pipe (4"). Also other foundations near by. Located about 200 yards west of gate 24. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L120**Future Owner:** USDA**Section Description:** PAS Survey Section 120

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**Environmental Findings:****Chemicals/Containers**

High barium levels detected in sediment (745 ppm). (JAAP12)

**PCBs**

Latitude=041:20:24.7 Longitude=088:04:33.1

Pole 518: pole mounted transformer (FIEL01)

**Other**

Latitude=041:20:29.8 Longitude=088:04:22.4

End of parking lot at end of road on south side of Group 1 there are some vegetated mounds about 3' high. Area 300 square feet. Also small stand of trees. (FIEL01)

Looked at Sewage Lift Station on north side of Group 1, Building 3A-26. No concerns. (FIEL01)

A portion of L120 is agricultural tract 60. The former lessee stated that it appears soil has been dumped in the northwest corner of tract in an old building site. (LESQ15)

A portion of L120 is considered agricultural tract 48. The current lessee has held a lease on this tract for six years. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ13)

A holding pond located in this section receives runoff from Group 1 (L7) and the Test Site (L11). Sediment samples from the pond contained measurable levels of 2,6-DNT and RDX. (ANLA01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** L121**Future Owner:** USDA**Section Description:** PAS Survey Section 121

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**Environmental Findings:****Chemicals/Containers**

There is an empty 55 gallon drum in Jordan Creek at the south fence line. (FIEL01)

**Explosive Ordnance/Residue**

Group 28 was used as a pistol range. UXO should not be present at the range. (ARMY01)

A former lessee stated that soil excavated from Doyle Lake had been spoiled onto the southwest corner of track 2. (LESQ15)

**Wells**

A former lessee drilled a well on the north side of agricultural tract 3 which lies within L121. (LESQ15)

**Other**

There are 5 building foundations about 150 yards west of Gate 27. (FIEL01)

Depression immediately east of Gate 27 along fence line about 100x100'. (FIEL01)

55 gallon drum empty in east flowing creek 100 yards from south fence line, 1/4 mile from east fence line. (FIEL01)

Concrete debris 100 yards east, drum on north side of creek referenced. (FIEL01)

Group 28 Pistol Range Backstop. Shell casings evident in building and general area. (FIEL01)

Five samples were collected in this tract and were analyzed for metals, explosive anions, and PCBs in 1993. No concerns were identified. (JAAP12)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** M99**Future Owner:** USDA**Section Description:** TNT Block Area**Environmental Findings:****Explosive Ordnance/Residue**

This section was formerly the TNT block area. All buildings have been demolished. (FIEL01)

An explosion occurred in the matrix of #3 press on February 15, 1944, causing a fire behind the barricade. (HIST41)

**PCBs**

Latitude=041:23:19.0 Longitude=088:09:58.5

Pole 1689: transformer located on western perimeter of M99. (FIEL01)

**Wells**

Monitoring Well 161 is unlocked and open - 2" PVC. (FIEL01)

**Other**

Latitude=041:23:22.1 Longitude=088:09:56.6

There are four 30'x 12' concrete pads just east, 12' from west TNT Road. They look old as evidenced by cracking and general weathered appearance. (FIEL01)

Latitude=041:23:17.7 Longitude=088:09:58.0

Wooden Junction Box Pipe (unknown type) evident crossing base. Unit has 1' of water in bottom. Dead animals present - southeast of M99. (FIEL01)

An exception was granted for the lack of quantity distance between Battery Station and Block Press Buildings in the Block Press Area. (HIST43)

A muffler consisting of a drum packed with loose rock was installed on all presses to remove the oil from the press air exhaust. (HIST38)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** M100**Future Owner:** USDA**Section Description:** PAS Survey Section 100

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**Environmental Findings:****Other**

Latitude=041:24:25.3 Longitude=088:10:35.4

Culvert under railroad tracks carries water from south end of Mobil Oil about 400' from Gate 6 on to JAAP property. (FIEL01)

Latitude=041:24:43.9 Longitude=088:10:23.3

Possible seepage from pond between tracks onto JAAP. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** M101**Future Owner:** USDA**Section Description:** PAS Survey Section

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**Environmental Findings:****Other**

Latitude=041:24:49.8 Longitude=088:09:31.8

Foundation and stone wall probable homestead. (FIEL01)

Latitude=041:24:22.3 Longitude=088:09:30.7

Clay outfall pipe possibly from MFG in creek bed near cemetery. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** M102**Future Owner:** USDA**Section Description:** PAS Survey Section 102

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**Environmental Findings:****Aboveground Storage Tanks**

Latitude=041:24:41.4 Longitude=088:08:06.6

E 58979 - 250 gallon metal tank is associated with Sewage Treatment Plant. Appears to be empty. No indication of what tank held. (FIEL01)

Latitude=041:24:42.2 Longitude=088:08:52.4

There are two crushed above ground tanks at this location. (FIEL01)

**Explosive Ordnance/Residue**

Soil samples SS169-1 through SS169-7 were collected west of Brown Circle and were analyzed for explosives. No explosives were detected. (DAMO12)

**PCBs**

Latitude=041:24:25.7 Longitude=088:08:32.4

Pole 2632D: 2 transformers (FIEL01)

Latitude=041:24:23.7 Longitude=088:08:17.9

Pole 4814: transformer (FIEL01)

Latitude=041:24:41.4 Longitude=088:08:06.6

Pole 2650 has 2 transformers located in Brown Circle Area. This is also the location of a former Sewage Treatment Plant. (FIEL01)

Latitude=041:24:40.1 Longitude=088:08:09.0

Pole 649: Transformer near Sewage Treatment Plant. (FIEL01)

Latitude=041:24:37.6 Longitude=088:08:07.6

Pole 2651: Transformer near Sewage Treatment Plant. (FIEL01)

Latitude=041:24:39.5 Longitude=088:08:05.2

Pole 2652: Transformer near Sewage Treatment Plant. (FIEL01)

**Sump/Septic/Dry Wells**

There is a septic tank located north on Drummond Road, in the southwest portion of M102. (MAPS03)

**Underground Storage Tanks**

Latitude=041:24:31.8 Longitude=088:08:48.4

Old vent pipe and small diameter plumbing adjacent to 2 concrete slabs. Art Holz stated that tank (OL-1) was removed from this location but contractor left vent pipe. (FIEL01)

The residence at which UST (BC-14) was located burned down in about 1981. The contents of the tank are not mentioned. It is believed that the UST was removed at the time of post-fire demo and clean up. Note: The document "Storage Tank Removal at Brown Circle, USACE Contract, 1994" is the contract and associated closure documentation for the removal of all UST's in the Brown Circle Area. (ACOE05)

**Other**

Latitude=041:24:42.8 Longitude=088:08:52.6

There are three foundations at this location. (FIEL01)



Latitude=041:24:33.0 Longitude=088:08:17.6  
Building rubble: concrete and pipe (FIEL01)

Latitude=041:24:24.7 Longitude=088:08:35.3  
Concrete pads: 50x100' with railroad siding (FIEL01)

Latitude=041:24:27.4 Longitude=088:07:36.0  
4 foundations, 10 rubble piles, 2 crushed above ground tanks. (FIEL01)

Some former employees believe that lead pipe may be associated with the Brown Circle Water Distribution System. (ACOE05)

This is the portion of M102 which is considered agricultural tract 169. The current lessee has held the lease on this tract for two years. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ04)

The Sanderson and Porter warehouse area was located west of Brown Circle. During the PAS field survey, tracks were noted in this area. (KOWS01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number: M105****Future Owner: USDA**

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**Section Description: PAS Survey Section 105**

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**Environmental Findings:****Chemicals/Containers**

The southern portion of agricultural tract 109 west of the Lead Azide area (M4) was used for storage of barrels containing DNT, the duration and extent of storage are unknown. Five soil samples were collected in this area in 1981. Low levels of TNT, nitrotoluene, sulfate, phosphate, and a variety of inorganics were detected at most locations. TNT was detected in 12 of the 15 samples and nitrotoluene was detected in five of the samples. The lead azide and sellite ditches cross M105 and were excluded from agricultural leasing. It was recommended that the area between the ditch and Blodgett Road be removed from the leasing program. (ANLA01)

**Explosive Ordnance/Residue**

Eight groundwater samples have been collected from MW118 on the west side of this section. In 1981, 2,4,6-TNT (0.90 ug/l) was detected. In 1986, 1,3,5-TNB (9.54 ug/l) and 2,4,6-TNT (9.74 ug/l) were detected. (DAMO12)

**PCBs**

Latitude=041:22:43.2 Longitude=088:10:22.5

A ground surface transformer is located adjacent to the Well House at 411-2. The transformer has a green sticker indicating less than 50 ppm PCBs. (FIEL01)

Latitude=041:23:26.0 Longitude=088:10:27.2

Pole 229: transformer in eastern section of area. (FIEL01)

Latitude=041:23:30.9 Longitude=088:10:28.0

Pole 332: 300' north of pole 229, also has a transformer. (FIEL01)

Latitude=041:24:09.2 Longitude=088:09:42.2

Pole 1896: transformer located on eastern edge of M105. (FIEL01)

Latitude=041:23:46.5 Longitude=088:09:52.3

Pole 1357: transformer located on eastern M105, 1,000' south of Sellite and Box Factory. (FIEL01)

Latitude=041:23:52.8 Longitude=088:09:51.7

Pole 1348: transformer located on eastern M105, 100' south of Sellite and Box Factory. (FIEL01)

Latitude=041:23:34.8 Longitude=088:09:55.8

Pole 1341: transformer located on eastern M105, approximately 200 yards north of Sewage Treatment Plant. (FIEL01)

Latitude=041:23:27.5 Longitude=088:09:57.7

Pole 1336: transformer located on eastern M105 in front of 505-12 near Sewage Treatment Plant. (FIEL01)

Latitude=041:23:15.1 Longitude=088:09:57.6

Pole 1683: transformer on west TNT Road just south of M99. (FIEL01)

Latitude=041:23:06.9 Longitude=088:09:50.4

Pole 1673: transformer on west TNT road. (FIEL01)

Latitude=041:22:57.2 Longitude=088:10:06.2

Pole 033T: transformer (FIEL01)

This is portion of M105 which is considered agricultural tract 111. The lessee has held lease on this tract for five years. The lessee observed a small hole where the dirt around it is green. The hole is located near a small pond at the east end of the pasture outside the pasture fence and on the west edge of a long building. (LESQ10)

#### Other

Along the western perimeter of area, there are multiple piles that contain large rocks. (FIEL01)

Latitude=041:22:54.6 Longitude=088:10:25.8  
Two concrete pillars are located in this area. (FIEL01)

Latitude=041:23:12.2 Longitude=088:10:26.2  
A second set of pillars (4) is located north of previous. This set also has a 3'x18" pad located 6' from the pillar. Pillars are only 6" tall. (FIEL01)

Latitude=041:23:43.7 Longitude=088:10:28.6  
Another set of concrete pillars (pads western section) is located in this area. (FIEL01)

Latitude=041:24:23.3 Longitude=088:09:59.6  
Another concrete pillar, pad in northern portion of site, 100 yards west of lever. (FIEL01)

Another set of concrete pillars, pad located in northern portion of site, 100 feet west of lever. (FIEL01)

Latitude=041:24:17.2 Longitude=088:09:40.6  
Two large series of piles exist on both sides of Drummond Road as it heads NW/SE at the Northeast section of M105. Each pile is 250' long and 50' wide. Characterized almost exclusively with rocks and concrete, some pipe. (FIEL01)

Latitude=041:22:58.4 Longitude=088:10:01.7  
2x2 metal cover encroached with vegetation, cannot access. Not sure what it is. (FIEL01)

Latitude=041:22:47.9 Longitude=088:10:30.8  
15x15" pad area, has an access from the road and different vegetation covers than surrounding areas. (FIEL01)

Latitude=041:23:06.9 Longitude=088:10:26.1  
15x15" pad area, has an access from the road and different vegetation covers than surrounding areas. (FIEL01)

Latitude=041:23:26.1 Longitude=088:10:26.9  
15x15" pad area, has an access from the road and different vegetation covers than surrounding areas. (FIEL01)

Latitude=041:23:55.3 Longitude=088:10:28.6  
15x15" pad area, has an access from the road and different vegetation covers than surrounding areas. (FIEL01)

Latitude=041:23:40.6 Longitude=088:10:25.6  
15x15" pad area, has an access from the road and different vegetation covers than surrounding areas. (FIEL01)

This is the portion of M105 which is considered agricultural track 109. The current lessee has held the lease on the track for 5 years. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ09)

This is the portion M105 which is considered agricultural tract 111. The current lessee has held the lease on the tract for 5 years. No other environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ10)

Latitude=041:23:06.0 Longitude=088:10:27.2  
There is a building containing glassware, and cords which gives the appearance of a laboratory, located 50 feet north of pole 229. (FIEL01)

Soil samples for tract 110 and 111 were taken in July 1990. The samples appear to be environmentally

sound. Sediment samples contain high levels of sulfate and lead. (JAAP42)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** M106**Future Owner:** USDA**Section Description:** PAS Survey Section 106

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**Environmental Findings:****PCBs**

Latitude=041:22:38.5 Longitude=088:10:45.7

Pole 712B: one large transformer with "Non PCB" label and one small transformer without label adjacent to well. (FIEL01)

**Wells**

Latitude=041:23:30.5 Longitude=088:10:31.1

Farm well 8" diameter, with a 2" sticks up. (FIEL01)

**Other**

Latitude=041:22:40.6 Longitude=088:10:54.8

Pump: concrete steps, washing mashine, oven, miscellaneous metal, open hole (2'diameter and 3'deep), furnace, truck tires, 55 gallon drum some contents, burried waste near turn in road, scattered waste over about one acre, 3 foundations. (FIEL01)

Explosives (MW155 - 1,3-DNB at 7.28 ug/l and 2,6-DNT 5.45 ug/l), anions (sulfate upto 74,000 ug/l), and metals were detected in one or more groundwater samples from parcel 3. Soil samples (13) were analyzed for explosives and lead. No explosives were detected but lead was present in six samples at concentrations upto 138 ug/kg. One soil and one sediment sample were collected in 1982 at the outlet of a ditch that drains portions of M4 and M7. TNT, 2,4-DNT and 2,6-DNT were detected in surface water but not in subsequent upgradient samples. Lead was detected in sediment at a level of 197 mg/kg. (DAMO12)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number: M107****Future Owner: USDA**

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**Section Description: PAS Survey Section 107**

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**Environmental Findings:****Other**

Latitude=041:22:11.8 Longitude=088:11:04.9

A 150' long flat stone fence and 1,200 square foot depression located in wooded area of central M107. This area is east of the railroad tracks. (FIEL01)

Latitude=041:22:33.2 Longitude=088:10:56.4

Building foundation and other concrete debris. Picture taken. Located 250' south of Blodgett Road in 107. (FIEL01)

Latitude=041:22:42.3 Longitude=088:10:57.2

A 4'x7'x4' concrete case, made of 6" concrete, has a 1" pipe a top and a pipe that goes into ground. A 4" (well?) pipe is located 2' south of structure. Picture taken. (FIEL01)

More foundation 80' south of the latter concrete case, similar with pipes. (FIEL01)

A groundwater contaminant plume (sodium and sulfate) from M2 extends in to this section. (DAMO08)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** M108**Future Owner:** USDA**Section Description:** PAS Survey Section 108

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**Environmental Findings:****Aboveground Storage Tanks**

Latitude=041:22:00.8 Longitude=088:09:06.2  
1000 gallon tank for heater. (FIEL01)

Latitude=041:21:57.9 Longitude=088:09:03.6  
1000 gallon tank for heater. (FIEL01)

Latitude=041:21:53.2 Longitude=088:09:04.4  
1000 gallon tank for heater. (FIEL01)

**Explosive Ordnance/Residue**

The Ordnance Ammunition Command asked to be advised should any further weakening of DNT drums be evident because of oil soaking through the liners into the drums themselves. (HIST26)

**PCBs**

Latitude=041:22:01.1 Longitude=088:09:06.5  
Pole 0528: 3 transformers (FIEL01)

Latitude=041:22:00.8 Longitude=088:09:06.2  
Pole 2406: electrical switch, oil filled (FIEL01)

Latitude=041:21:58.2 Longitude=088:09:06.4  
Pole 0523: 3 transformers (FIEL01)

Latitude=041:21:57.9 Longitude=088:09:03.6  
Pole 2405: oil electrical switch (FIEL01)

Latitude=041:21:53.2 Longitude=088:09:04.4  
Pole 0512: 3 transformers and electrical switch (FIEL01)

Latitude=041:22:32.7 Longitude=088:09:52.5  
Pole 2496: transformer west of 811-1 (FIEL01)

Latitude=041:22:27.4 Longitude=088:09:52.8  
Pole 2501: transformer west of 811-2 (FIEL01)

Latitude=041:22:15.1 Longitude=088:09:55.5  
Pole A9: transformer west of 811-4 (FIEL01)

Latitude=041:22:14.7 Longitude=088:09:45.5  
Pole B10: transformer (FIEL01)

Latitude=041:22:14.8 Longitude=088:09:39.2  
Pole C11: transformer near 811-33 (FIEL01)

Latitude=041:21:56.4 Longitude=088:09:43.8  
Pole C26: transformer near 811-37 (FIEL01)

Latitude=041:21:38.4 Longitude=088:08:51.3

Pole 1561: 2 transformers (FIEL01)

Latitude=041:21:58.0 Longitude=088:08:41.9  
Pole 0263B: 3 transformers adjacent to 704-23 (FIEL01)

Latitude=041:21:58.9 Longitude=088:08:39.9  
Pole 0264: 1 transformer near 704-23 (FIEL01)

Latitude=041:22:01.4 Longitude=088:08:38.6  
Pole 28: 1 transformer adjacent to gate 10 (FIEL01)

Latitude=041:22:13.6 Longitude=088:08:40.5  
Pole 0254A: transformer adjacent to 411-5 Pump House. (FIEL01)

Latitude=041:22:35.5 Longitude=088:08:51.5  
Pole 1562: transformer (FIEL01)

Latitude=041:22:41.8 Longitude=088:08:41.5  
Pole 1530: transformer adjacent to 707-13. (FIEL01)

Pole 0517: soils beneath the electrical box were field screened for PCBs (12/11/95) and contained between 4.1 and 15 ppm. Pole is south of 811-125. (FIEL01)

Pole 2406: Soil beneath electrical box was field screened for PCBs (12/11/95) and contained less than 0.5 ppm. The pole was stained but the soil was not. Pole is near 811-123. (FIEL01)

#### **Sump/Septic/Dry Wells**

Latitude=041:21:58.2 Longitude=088:09:06.4  
Septic - A latrine is located across from 811-124 (FIEL01)

Latitude=041:21:58.0 Longitude=088:08:41.9  
Septic - A latrine is located adjacent to 704-23. (FIEL01)

#### **Stressed Vegetation/Stained Soil**

Latitude=041:22:36.6 Longitude=088:09:54.6  
4'high x 20' diameter dirt pile with very little vegetation. (FIEL01)

#### **Other**

Latitude=041:21:47.2 Longitude=088:08:59.1  
Broken tile drains have created open holes to several feet deep in the southeast portion of this section. Safety hazard. (FIEL01)

Latitude=041:22:38.0 Longitude=088:08:59.1  
rubble pile 30x20x6' (FIEL01)

ATF has Igloos 811-2,3,4 (FIEL01)

Latitude=041:22:01.9 Longitude=088:10:01.4  
Pit 50'x 50'x 15', no debris, well vegetated area has been extensively reworked. (FIEL01)

Latitude=041:21:54.2 Longitude=088:08:43.6  
6 foundations, numerous dirt piles, 2 piles of broken asphalt (FIEL01)

Relatively high levels of heavy metals found in soil samples. A stricter sampling is recommended based on the results of this study. (JAAP12)

This is agricultural tract 108. The current lessee has held a lease on this tract for 20 years. No environmental concerns addressed in lessee questionnaire found in the Appendix were observed by the lessee. (LESQ08)



This area contains igloos for storage of TNT, tetryl, DNT, and lead azide. (ACOE06)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** M109**Future Owner:** USDA**Section Description:** PAS Survey Section 109

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**Environmental Findings:****Aboveground Storage Tanks**

Latitude=041:22:36.5 Longitude=088:08:08.4

There appears to be an empty tank (250 gallon) sitting next to its cradle. (FIEL01)

**Chemicals/Containers**

Latitude=041:22:14.2 Longitude=088:08:11.1

Three 17E - 55 gallon drums apparently with liquid in each are located near barn. (FIEL01)

**PCBs**

Latitude=041:22:03.3 Longitude=088:08:36.9

Pole 28: transformer on pole just south of gate 10 (200' south) on Base Line Road. (FIEL01)

Latitude=041:22:13.0 Longitude=088:08:02.8

Signal box on railroad tracks, adjacent to Rt.53, may be in use. Located 200' north of road leading to gate 10. (FIEL01)

Latitude=041:22:13.4 Longitude=088:08:08.9

Transformer, unlabeled pole 500' north of road leading to gate 10. (FIEL01)

Latitude=041:22:37.4 Longitude=088:07:45.8

Signal box is 500' south of building, get on railroad right away adjacent to Route 53. (FIEL01)

Latitude=041:21:59.6 Longitude=088:08:04.0

Signal box on railroad tracks adjacent to Rt.53 and immediately north of road that leads to gate 10. (FIEL01)

**Wells**

Latitude=041:22:14.2 Longitude=088:08:11.1

There is an apparent supply water well located near transformer. Maybe used for cattle in this area. 500' north of road leading to gate 10. (FIEL01)

**Other**

Latitude=041:22:13.0 Longitude=088:08:02.8

Also a locker box here that looks similar to boxes at railroad that had batteries. (FIEL01)

Observed what appears to be a signal box 275' south of road leading to gate 10 on the railroad tracks along Rt.53. No coordinates. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** M110**Future Owner:** USDA**Section Description:** PAS Survey Section 110

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**Environmental Findings:****Chemicals/Containers**

Latitude=041:21:45.8 Longitude=088:08:18.0

Stack of apparently empty drums (about 20 gallons) in northern portion of M110. Markings on drums read: "36 charges propellant... for 65mm HOW M2\_\_\_\_." Located northern part of M110. (FIEL01)

**PCBs**

Latitude=041:21:39.8 Longitude=088:08:08.0

Poles 026A and 0286: at Well and Pump House at 411-11, there is a transformer at a dual pole 35' north of the buildings. This transformer is larger than the typical unit we have seen at JAAP.

There are 2 large electrical units inside the Pump House. Not sure what they are, but took pictures of each. The larger unit is marked "Westinghouse". See map for location of 411-11 (western M110). (FIEL01)

Latitude=041:21:27.4 Longitude=088:08:11.8

Signal box on railroad right-of-way adjacent to Rt.53. About 300 yards south of 411-11. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number: M111****Future Owner: USDA**

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**Section Description: PAS Survey Section 111**

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**Environmental Findings:****PCBs**

Latitude = 041:21:03.3 Longitude = 088:10:02.3  
Pole 1353: transformer (FIEL01)

Latitude = 041:20:55.5 Longitude = 088:09:57.8  
Pole 113: transformer (FIEL01)

Latitude = 041:20:56.0 Longitude = 088:09:10.1  
Pole 90: transformer (FIEL01)

Latitude = 041:21:06.6 Longitude = 088:08:53.4  
Pole 2599: transformer adjacent to 704-12 (FIEL01)

Latitude = 041:21:05.3 Longitude = 088:09:05.2  
Pole 2599T: transformer (FIEL01)

Latitude = 041:21:45.3 Longitude = 088:10:26.1  
Pole 161: transformer at gate 4B (FIEL01)

Latitude = 041:21:07.6 Longitude = 088:09:58.8  
Yellow crystals in ditch across tracks from M1, 20' with heavy deposits and additional deposits scattered for some distance. Collected sample and field analyzed for TNT; not detected. Photo 2-1-17. (FIEL01)

**Stressed Vegetation/Stained Soil**

Latitude = 041:21:03.3 Longitude = 088:10:02.3  
Stressed area about 1/4 mile long and 20-30 feet wide, extends from northwest corner of M1 to the west, possible leaching from ashpile. Some crystals apparent. Photo 2-1-18. (FIEL01)

Latitude = 041:21:11.6 Longitude = 088:09:57.5  
Stressed vegetation in ditch extending north along east side of A Line Road, some crystals on trees; standing water is dark red. Photo 2-1-19 (FIEL01)

Latitude = 041:20:58.8 Longitude = 088:10:00.3  
Stressed vegetation, possible leaching from south side of M1. (FIEL01)

**Other**

Latitude = 041:21:14.1 Longitude = 088:10:24.1  
Numerous dirt piles are at this location. (FIEL01)

Latitude = 041:20:57.3 Longitude = 088:10:20.5  
There are 4 large foundations at this location. (FIEL01)

Latitude = 041:20:55.8 Longitude = 088:10:02.6  
Explosive holding lot (FIEL01)

Latitude = 041:20:57.0 Longitude = 088:09:53.7  
Explosive holding lot (FIEL01)

Latitude=041:20:57.4 Longitude=088:09:38.1  
Explosive holding lot (FIEL01)

Latitude=041:20:57.8 Longitude=088:09:28.4  
3 foundations along south patrol road (FIEL01)

Latitude=041:20:57.2 Longitude=088:09:18.7  
Explosive holding lot (FIEL01)

Latitude=041:20:56.4 Longitude=088:09:08.5  
Explosive holding lot (FIEL01)

Latitude=041:21:04.6 Longitude=088:09:12.7  
Miscellaneous railroad items, ties, parts, spikes, 5' diameter pipe and empty drums. (FIEL01)

Latitude=041:21:15.0 Longitude=088:09:17.8  
Metal trough 3x20x2' rusted out, may have been stock tank. (FIEL01)

The Ordnance Ammunition Command asked to be advised should any further weakening of DNT drums be evident because of oil soaking through the liners into the drums themselves. (HIST26)

This area contains igloos for storage of TNT, tetryl, DNT, and lead azide. (ACOE06)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number: M112****Future Owner: USDA**

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**Section Description: PAS Survey Section 112**

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**Environmental Findings:****Chemicals/Containers**

Soils were sampled in tract 128 in July 1990. Three samples contained elevated nitrate levels. (JAAP42)

**Other**

Latitude=041:22:11.8 Longitude=088:11:04.9

A 150' long flat stone fence and a 1,200 square feet depression located in middle of wood east of railroad tracks. (FIEL01)

Latitude=041:20:52.0 Longitude=088:10:57.8

Foundation with 20-30 year old trees growing through. Located near cow pasture in southeast corner of area. (FIEL01)

Latitude=041:21:02.5 Longitude=088:10:29.2

Dry pond about 180' diameter near railroad gate 5 about 120' south of railroad tracks and 50' west of Prairie Creek. Some portions of the pond side had a white substance caked to the side. It was salt-like in appearance. (FIEL01)

A groundwater contaminant plume (sodium and sulfate) from M1 extends in to this section. (DAMO08)

Two wells (M102 and M103) are located here. The samples were analyzed for explosives, metals and anions. The wells were sampled in 1981 and only chromium and sulfate were detected. Explosives, anions and metals were detected in one or more surface water samples and anions and metals but no explosives were detected in sediment samples. Neither VOCs nor BNAs were detected in surface water or groundwater. No explosives have been detected in soils from this area, lead (32 mg/kg) was detected in one sample. (DAMO12)

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**JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number: M113****Future Owner: USDA****Section Description: PAS Survey Section 113**

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**Environmental Findings:****Explosive Ordnance/Residue**

Low levels (upto 2.48 ug/l) of explosives (TNT, 1,3,5-TNB, and 1,3-DNB) were detected in groundwater. TNT was detected in MW151 and MW152 in 1982 and was not detected in subsequent sampling. TNB and DNB were detected in MW151 in 1988 but not previously. The RI concluded that these detections were not indicative of site contamination. (DAMO12)

**Other**

A groundwater contaminant plume (sodium and sulfate) from M1 extends in to this section. (DAMO08)

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## **JOLIET ARMY AMMUNITION PLANT SECTION PROFILE**

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**Section Number:** M114

**Future Owner:** USDA

**Section Description:** PAS Survey Section 114

**Environmental Findings:**

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## APPENDIX C

### PROFILES OF THE FUTURE USDA BUILDINGS

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L12**Latitude:****Longitude:****Facility Number:** 1-51**Future Owner:** USDA**Facility Description:** Doyle Lake Dam**Status:** Unoccupied**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-1**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Hazardous Materials/Waste**

This is one of seven igloos in Group 68 permitted under RCRA for hazardous waste storage. This unit is no longer in active use by Alliant. IEPA inspected site in December 1995 and no violations were noted. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-2**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Hazardous Materials/Waste**

This is one of seven igloos in Group 68 permitted under RCRA for hazardous waste storage. This unit is no longer in active use by Alliant. IEPA inspected site in December 1995 and no violations were noted. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-3**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Hazardous Materials/Waste**

his is one of seven igloos in Group 68 permitted under RCRA for hazardous waste storage. This unit is no longer in active use by Alliant. IEPA inspected site in December 1995 and no violations were noted. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-4**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-5**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-6**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers &**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-7**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-8**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-9**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-10**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-11**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-12**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-13**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-14**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

RDX and HMX sludges have been stored here in accordance with a RCRA permit. The drums were transported off-site and disposed of at a RCRA permitted facility in 1993. (DAMO22)

**Hazardous Materials/Waste**

This is one of seven igloos in Group 68 permitted under RCRA for hazardous waste storage. This unit is no longer in active use by Alliant. IEPA inspected site in December 1995 and no violations were noted. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-15**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

Three cubic feet of dry explosives were recovered during the cleanup of the isolated explosive sludge spill. (HYWL02)

**Hazardous Materials/Waste**

This is one of seven igloos in Group 68 permitted under RCRA for hazardous waste storage. This unit is currently in active use by Alliant for storage of explosives, propellants, fuses, partial rounds, warheads, and other components. IEPA inspected site in December 1995 and no violations were noted. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-16**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-17**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-18**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Chemicals/Containers**

Oil, hydraulic fuel, and anti-freeze for truck maintenance are stored in this building. (DOTA04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Hazardous Materials/Waste**

This is one of seven igloos in Group 68 permitted under RCRA for hazardous waste storage. This unit is currently in active use by Alliant for storage of explosives, propellants, fuses, partial rounds, warheads, and other components. IEPA inspected site in December 1995 and no violations were noted. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-19**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-20**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-21**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-22**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L13**Latitude:****Longitude:****Facility Number:** 68-23**Future Owner:** USDA**Facility Description:** Storage for Fuzes, Primers & B**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Hazardous Materials/Waste**

This is one of seven igloos in Group 68 permitted under RCRA for hazardous waste storage. This unit is currently in active use by Alliant for storage of explosives, propellants, fuses, partial rounds, warheads, and other components. IEPA inspected site in December 1995 and no violations were noted. During the PAS site survey, a Hazardous Waste Storage sign was observed on the metal door of this building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-1**Future Owner:** USDA**Facility Description:** Imhoff Tank**Status:** Unknown**Acquisition Date:** 1950**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

There were 6 sulfur dioxide cylinders observed at this building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-2**Future Owner:** USDA**Facility Description:** Trickling Filter & Dosing Tank**Status:** Unknown**Acquisition Date:** 1950**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-3**Future Owner:** USDA**Facility Description:** Secondary Tank**Status:** Unknown**Acquisition Date:** 1950**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:** 041:21:13.5**Longitude:** 088:07:22.7**Facility Number:** 20-4**Future Owner:** USDA**Facility Description:** Pump House**Status:** Unknown**Acquisition Date:** 1942**Size:** 1467 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

Various mercury salts and solutions are stored at this building for disposal. There is a cylinder of acetylene stored against the outside wall. The gravel road west of the building has an obvious spill of about five pounds of a blue salt (this may be a deicer). Twenty five pounds of elemental mercury in the lab area of the building is awaiting disposal. (FIEL01)

**Explosive Ordnance/Residue**

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10). Paint was found to be in Good condition.

The paint at this building is in overall good condition but there is paint peeling downstairs. (FIEL01)

**Other**

All flows in excess of 0.650 MGD are bypassed to the chlorine contact tank after receiving only primary treatment in the Imhoff tanks. The plant collection system is comprised of about 20 miles of gravity sewers, five lift stations and three miles of force mains. On August 18, 1970, the influent flow was black, and each plant unit was black. The receiving stream, Prairie Creek, was black and rocks near the outfall had a black coating. It appeared to be a combination of oily wastes. The evidence indicated that this condition had existed for a long time. (EPAV05)

**PCBs**

There is a ground transformer operating at this building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-5**Future Owner:** USDA**Facility Description:** Sludge Drying Bed**Status:** Unknown**Acquisition Date:** 1942**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-6**Future Owner:** USDA**Facility Description:** Storage Shed**Status:** Unknown**Acquisition Date:** 1946**Size:** 80 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-7**Future Owner:** USDA**Facility Description:** Chlorine Building**Status:** Unknown**Acquisition Date:** 1950**Size:** 240 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

This building is concrete-constructed with 2 bays. The east bay has some waste oil containers and a small generator. The west bay appears to contain a chlorinator and chlorination solution. This building is locked. The west bay also contains two containers of calcium hypochlorite (45kg each). (FIEL01)  
One ton cylinder of chlorine is located in this building. (UCCI01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).  
Paint was found to be in Good condition.  
The paint observed at this building is in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-8**Future Owner:** USDA**Facility Description:** Chlorine Contact Tank**Status:** Unknown**Acquisition Date:** 1950**Size:** 400 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-9**Future Owner:** USDA**Facility Description:** Splitter Box**Status:** Unknown**Acquisition Date:** 1984**Size:** 30 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-10**Future Owner:** USDA**Facility Description:** Secondary Sludge Pumping Stati**Status:** Unknown**Acquisition Date:** 1984**Size:** 140 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-11**Future Owner:** USDA**Facility Description:** Secondary Settling Tank - Nort**Status:** Unknown**Acquisition Date:** 1984**Size:** 648 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-12**Future Owner:** USDA**Facility Description:** Filter Feed Pump Station**Status:** Unknown**Acquisition Date:** 1984**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-13**Future Owner:** USDA**Facility Description:** Filter Backwash Pumping Statio**Status:** Unknown**Acquisition Date:** 1984**Size:** 1248 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-14**Future Owner:** USDA**Facility Description:** Package Sulfur Dioxide Unit**Status:** Unknown**Acquisition Date:** 1984**Size:** 60 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-15**Future Owner:** USDA**Facility Description:** Effluent Pumping Station**Status:** Unknown**Acquisition Date:** 1984**Size:** 225 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Aboveground Storage Tanks**

Two 250-gallon AST were removed outside the building. (FIEL01)

**Chemicals/Containers**

Chemicals were observed at this building. See the PAS Appendix for details. (FIEL01)

**Lead-Based Paint**

Paint was found to be in Good condition.

Paint on the walls and door was observed in good condition. (FIEL01)

**Underground Storage Tanks**

Because of unexplained vent pipes, it appears that there may have been or is UST at this building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-16**Future Owner:** USDA**Facility Description:** Diffusion Chamber**Status:** Unknown**Acquisition Date:** 1984**Size:** 51 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-17**Future Owner:** USDA**Facility Description:** Filter Building**Status:** Unknown**Acquisition Date:** 1984**Size:** 1410 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

In this large brick building, there is a 30-gallon container of Calgon and a 55-gallon container (possibly) containing compressor-oil. Also present is a 2-gallon bucket containing a pink solid. (FIEL01)

**Lead-Based Paint**

Paint was found to be in Good condition.

Paint on the walls was observed in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-18**Future Owner:** USDA**Facility Description:** Retaining Wall - Concrete & Ea**Status:** Unknown**Acquisition Date:** 1984**Size:** 168 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:****Longitude:****Facility Number:** 20-19**Future Owner:** USDA**Facility Description:** Pumping Station**Status:** Unknown**Acquisition Date:** 1984**Size:** 29 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Underground Storage Tanks**

One 4,000 gallon underground storage tanks containing diesel was removed from this site in September 1993. (BEST01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L20**Latitude:** 041:21:14.2**Longitude:** 088:07:21.9**Facility Number:** 20-41**Future Owner:** USDA**Facility Description:** Compressor Building**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

This building is a metal shed north of 20-4. It contains an empty nitrogen cylinder and a compressor. There are stains (possibly oil) on the concrete floor, below the compressor. There is a full five gallon container of RYDLIME at this building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 23-1**Future Owner:** USDA**Facility Description:** Surface Storage Reservoir**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Aboveground Storage Tanks**

A tank with about 30 gallons of gasoline is attached to the side of the building. A large propane tank is on a concrete slab adjacent to the building. This building was locked. (FIEL01)

**Chemicals/Containers**

One ton cylinder of chlorine is located in this building. (UCC101)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 23-2**Future Owner:** USDA**Facility Description:** Reservoir Pumping Station**Status:** Unknown**Acquisition Date:** 1942**Size:** 1680 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

Water chlorination occurred here. (DOTA17)

Water chlorination occurred here.

Testing of water involved standard chemical reagents. (DOTA18)

**Explosive Ordnance/Residue**

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

**Underground Storage Tanks**

One 2,000 gallon underground storage tank containing fuel oil is located at this site. (ACOE02)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 23-3**Future Owner:** USDA**Facility Description:** Valve House (West Deep Well)**Status:** Unknown**Acquisition Date:** 1942**Size:** 259 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:** 041:21:36.1**Longitude:** 088:04:35.5**Facility Number:** 23-5**Future Owner:** USDA**Facility Description:** Valve House (East Deep Well)**Status:** Unknown**Acquisition Date:** 1942**Size:** 259 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The transite roof and window putty of this building may contain friable asbestos in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Paint at this building was observed in good condition on the door and on the building frame. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:** 041:21:36.1**Longitude:** 088:04:35.5**Facility Number:** 23-6**Future Owner:** USDA**Facility Description:** Pump House & Tower**Status:** Unknown**Acquisition Date:** 1942**Size:** 72 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Paint on the door of this building is in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 23-7**Future Owner:** USDA**Facility Description:** Radio Maintenance Shop**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Chemicals/Containers**

Spray painting was conducted in a room exhausted to the outside. Paint mists and thinner were generated. (DOTA11)

**Other**

Acetylene welding was conducted here. (DOTA11)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:** 041:21:55.5**Longitude:** 088:05:04.5**Facility Number:** 23-7B**Future Owner:** USDA**Facility Description:** Storage Shed**Status:** Unknown**Acquisition Date:** 1942**Size:** 326 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

There are two 5-gallon pails of asphalt at this building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint on outside of the building is peeling and flaking. (FIEL01)

**Sump/Septic/Dry Wells**

There is a latrine adjacent to this building at 23-23A (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 23-9**Future Owner:** USDA**Facility Description:** Pump House & Tower**Status:** Unknown**Acquisition Date:** 1942**Size:** 68 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 23-14**Future Owner:** USDA**Facility Description:** Section Hands Office**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 23-15**Future Owner:** USDA**Facility Description:** Railroad Hand Car Storage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L21 | <b>Latitude:</b> 041:21:40.7 | <b>Longitude:</b> 088:04:58.3 |
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| <b>Facility Number:</b> 23-29 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Workshop | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1951 | <b>Size:</b> 400 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. This is a transite building in good condition with non-friable asbestos suspected. (FIEL01)

**Chemicals/Containers**

This building was used to store chemicals to support the water treatment plant operations. It contained limited quantities of sodium hypochlorite, oil, nitric and hydrochloric acids. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L21 | <b>Latitude:</b> 041:21:43.4 | <b>Longitude:</b> 088:04:56.7 |
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| <b>Facility Number:</b> 23-30 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Brine Tank Building | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1951 | <b>Size:</b> 280 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. This is a transite building in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 23-31A**Future Owner:** USDA**Facility Description:** Igloo**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:** 041:21:53.4**Longitude:** 088:05:13.4**Facility Number:** 23-34**Future Owner:** USDA**Facility Description:** Superintendent's Office & Chan**Status:** Unoccupied**Acquisition Date:** 1951**Size:** 1860 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint on the windows, doors, and inside this building, is peeling and flaking. (FIEL01)

**Underground Storage Tanks**

One 565 gallon underground storage tank containing fuel oil was removed from this site in August 1991. (BEST02)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 23-37**Future Owner:** USDA**Facility Description:** Steel Tank**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L21                  | <b>Latitude:</b> 041:21:07.8 | <b>Longitude:</b> 088:05:09.2 |
| <b>Facility Number:</b> 61-7                   | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Crushing & Drying | <b>Status:</b> Unoccupied    |                               |
| <b>Acquisition Date:</b> 1942                  | <b>Size:</b>                 | 7170 Square feet              |

**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

Various chemicals were found at this building: a 40-gallon drum marked "Ice Control", one fiber drum of red powder, eleven reliable rubber printing plate products, and a 50 lb box of white powder. (FIEL01)

This building was originally constructed and used for ammonium nitrate crushing and drying. As of 1959, it was occupied by Armour Research Foundation. (JAAP08)

**Explosive Ordnance/Residue**

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (UCCI04)

On September 25, 1978 rework of 109,000 105mm HE, 1CM, M444 complete rounds was begun. The ammunition was rejected due defective propellant charges. The estimated completion date was April 9, 1978. (HIST34)

A 1982 energy analysis indicates explosive hazards in this building. (ENEA02)

Reworked shells containing explosives and repackaging depriming presses are located here. (FIEL01)

Ammunition was demilitarized in this building. Operations included pouring out powder propellant. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1977, activities related to demilitaration of 90 mm rounds were conducted here. (UNUR01)

This building was occupied by the Uniroyal safety office. There are grinding tools in the building and lead type. We were unable to determine if lead type was cast in the building. (FIEL01)

Rework operations were started here for the lots suspended due to light weighments of PA-66-1 propellant powder. (HIST16)

This building was originally a lab in World War II for Group 61. After the war it was used for a research project. Chicago Research throw away catridge case was developed here. (FIEL01)

Uniroyal used this building for surveillance operations of Ordnance. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 61-7A**Future Owner:** USDA**Facility Description:** Solvent Storage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L21 | <b>Latitude:</b> 041:22:06.9 | <b>Longitude:</b> 088:05:09.8 |
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| <b>Facility Number:</b> 61-11 | <b>Future Owner:</b> USDA |
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|---|---------------------------|
| <b>Facility Description:</b> Power House for Crushing Plant | <b>Status:</b> Unoccupied |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 627 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The pipe insulation at this building is deteriorating. (FIEL01)

**Aboveground Storage Tanks**

There is a pressure (vessel 3'diameter by 10') outside the building. NFPA symbol indicates that water is not to be used. (FIEL01)

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Lessee: IL Division of Criminal Investigation

Lease Number: DACA-27-1-85-1

Effective Dates: 12-01-84 to 11-30-89 (ACOE04)

**Sump/Septic/Dry Wells**

There are pipe chases in the floor of this building. (FIEL01)

**Underground Storage Tanks**

Pipes possibly indicating the presence of USTs were observed at this building. On the south side of the building, there appears to be a fuel oil tank and a vent. (FIEL01)

One 4,000 gallon underground storage tank containing fuel oil was removed from this site in September 1993. (BEST01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L21 | <b>Latitude:</b> 041:22:11.3 | <b>Longitude:</b> 088:05:10.8 |
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| <b>Facility Number:</b> 61-39 | <b>Future Owner:</b> USDA |
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|---|------------------------|
| <b>Facility Description:</b> Blast Building | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 19 | <b>Size:</b> 0 Square feet |
|-----------------------------|----------------------------|

**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

There is an empty 35 gallon drum at this building with no markings. The soil around the drum is dark, possibly stained. (FIEL01)

**Explosive Ordnance/Residue**

Ammunition was disassembled outside of this building. (FIEL01)

This building is a 3-sided concrete structure whose open side is in line with the opening of a large steel pipe. The pipe is perpendicular to the building and terminates in a box containing deflectors. A small indentation in a steel plate of the box indicate that projectiles were fired here. (PSCO02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building has a sight in line, with unknown operation in the area, and is built for possible blast process. There is a pipe between this building and 61-7.

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L21 | <b>Latitude:</b> 041:21:34.9 | <b>Longitude:</b> 088:05:37.0 |
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| <b>Facility Number:</b> 62-27 | <b>Future Owner:</b> USDA |
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|---|------------------------|
| <b>Facility Description:</b> Sentry Station (At Landfill) | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1977 | <b>Size:</b> 140 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

The paint at this building is in good condition (FIEL01)

**Sump/Septic/Dry Wells**

We could not determine if this building is connected to a sanitary system or not. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** 71-7**Future Owner:** USDA**Facility Description:** Tetryl Box Storage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L21**Latitude:****Longitude:****Facility Number:** SL-1**Future Owner:** USDA**Facility Description:** Sanitary Landfill**Status:** Unoccupied**Acquisition Date:** 1977**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L22**Latitude:****Longitude:****Facility Number:** 25-6**Future Owner:** USDA**Facility Description:** Pump House & Tower**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:32.7**Longitude:** 088:03:46.1**Facility Number:** 27-1**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse ("B" P**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The transite roofing and siding was in good condition and contained non-friable asbestos. (FIEL01)

**Chemicals/Containers**

In this building there was a bag filled with red granular material, one partial bag filled with white granular material, and a plastic gallon container filled with unknown material. Four and a half pallets of asphalt shingles, one bag of red saw dust were also found in this building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In this building, there were four and a half pallets of asphalt roofing shingles (they appeared to be new). (FIEL01)

**Radon**

Radon was detected at 5.40 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:32.4**Longitude:** 088:03:54.7**Facility Number:** 27-2**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse (Mater**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The transite roofing and siding of this building are in apparently good condition. Non-friable asbestos is present here. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building appeared to be clean. The floor appeared to be deteriorating in some places. One metal drum about 16inches in diameter and four feet high was full of trash. There are 20-gallon barrels filled with unknown trash at this building. (FIEL01)

**Radon**

Radon was detected at 5.10 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:31.6**Longitude:** 088:04:00.5**Facility Number:** 27-3**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. No environmental concern is apparent at this building. The transite siding and roof contains non-friable asbestos, but is in apparent good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

The following are stored at this building: vehicles (boats, trailers, cars, snowmobiles, ATVs, outboards motors), furnitures, tools, autoparts, and pallets. (FIEL01)

Lessee: Department of Interior

Lease Number: DACA-45-4-81-6168

Effective Date: 10-01-81 to 09-30-86 (ACOE04)

**Radon**

Radon was detected at 2.60 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:30.5**Longitude:** 088:04:12.5**Facility Number:** 27-4**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse (Equip**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non friable transite in good condition is apparent at this building.

(FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

No environmental concerns are apparent in this building. (FIEL01)

**Radon**

Radon was detected at 3.90 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L23 | <b>Latitude:</b> 041:23:28.4 | <b>Longitude:</b> 088:03:42. |
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|------------------------------|---------------------------|
| <b>Facility Number:</b> 27-5 | <b>Future Owner:</b> USDA |
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|---|------------------------|
| <b>Facility Description:</b> Inert Storage Warehouse (Equip | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable transite walls and roofing are apparently in good condition. (FIEL01)

**Chemicals/Containers**

There are four 5-gallon cans present at this building. Two of these are DS2 decontaminating fluid. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**PCBs**

There is a large transformer, about 50 feet from west end of building along south wall, near pole 44. The soil beneath should be tested for PCBs. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L23 | <b>Latitude:</b> 041:23:29.7 | <b>Longitude:</b> 088:03:54.5 |
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|------------------------------|---------------------------|
| <b>Facility Number:</b> 27-6 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Inert Storage Warehouse (Equip | <b>Status:</b> Unoccupied |
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|-------------------------------|--------------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable asbestos transite is apparently in good condition. (FIEL01)

**Chemicals/Containers**

One-50 lb container of bleaching powder is in this building. Two-50 lb containers DS2 were found in this building during The 1994 ECAS audit. (FAXX01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This partially empty building contains pallets, empty boxes and containers for munitions, some machinery, electrical switching systems for motors, but appeared to contain no dielectric oil. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L23 | <b>Latitude:</b> 041:23:31.1 | <b>Longitude:</b> 088:04: 4.0 |
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|------------------------------|---------------------------|
| <b>Facility Number:</b> 27-7 | <b>Future Owner:</b> USDA |
|------------------------------|---------------------------|

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|---|------------------------|
| <b>Facility Description:</b> Inert Storage Warehouse (In us | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
|-------------------------------|--------------------------------|

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable asbestos in transite of sidings and roofing is present and appears be in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building is empty. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:31.6**Longitude:** 088:04: 7.8**Facility Number:** 27-8**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse (in us**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable asbestos in sidings and roofing appear to be in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building is empty. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L23 | <b>Latitude:</b> 041:23:26.1 | <b>Longitude:</b> 088:03:52.1 |
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| <b>Facility Number:</b> 27-9 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Inert Storage Warehouse (Mater | <b>Status:</b> Unknown |
|---|------------------------|

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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable asbestos in sidings and roofing appears to be in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

There is a wooden room for an office not attached to the building.

The building contains stacks of pallets, loose planking on the floor, and a large number of empty boxes, which were for supplemental charges. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:27.5**Longitude:** 088:03:59.1**Facility Number:** 27-10**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse (Equip**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable asbestos transite in sidings and roofing appears to be in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Heavy machinery and sealed boxes apparently containing machine parts, are present at this building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L23 | <b>Latitude:</b> 041:23:27.3 | <b>Longitude:</b> 088:04: 1.0 |
|-------------------------------|------------------------------|-------------------------------|

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|-------------------------------|---------------------------|
| <b>Facility Number:</b> 27-11 | <b>Future Owner:</b> USDA |
|-------------------------------|---------------------------|

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|   |                        |
|---|------------------------|
| <b>Facility Description:</b> Inert Storage Warehouse (in us | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable Asbestos transite in sidings and roofing is apparently in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

The building contains some furniture, large number of discarded boxes and associated packing pallets, and wooden framing for previous rooms. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:27.6**Longitude:** 088:04:12.7**Facility Number:** 27-12**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse (In us**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable asbestos transite in roofing and siding appear to be in good condition. (FIEL01)

**Chemicals/Containers**

Two-50 lb containers of bleaching powder were stored in this building at the time of the 1994 ECAS audit. (FAXX01)

There are two 50 lbs drums of STB decontaminating agent in this building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

There are small empty boxes at this building (cardboard and wood) containing decontaminating material. There is no apparent environmental concern from these boxes. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L23 | <b>Latitude:</b> 041:23:28.2 | <b>Longitude:</b> 088:03:49.6 |
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| <b>Facility Number:</b> 27-13 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Inert Storage Warehouse | <b>Status:</b> Unknown |
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|                               |                                |
|-------------------------------|--------------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
|-------------------------------|--------------------------------|

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable asbestos in good condition is present in the transite of this building.

Friable asbestos in poor condition is present on a large detached pipe. (FIEL01)

**Explosive Ordnance/Residue**

Explosive contamination is suspected at this building because large amounts of equipment were used in the handling of ordinance (dolleys, conveyers-rollers, racks, large diameter pipes-and more). A more detailed search of equipment and decontamination records is required. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:27.4**Longitude:** 088:03:51.3**Facility Number:** 27-14**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable asbestos transite in roofing and siding is apparent in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

The building contains packings with pallets and is almost empty. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:26.7**Longitude:** 088:03:58.9**Facility Number:** 27-15**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. There is non-friable asbestos in roofing and sidings of the building, in apparently good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

The building is empty. Inside the building is a small office office-like room which is also empty. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:26.8**Longitude:** 088:04:11.1**Facility Number:** 27-16**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse (Equip**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The building contains non-friable asbestos transite sidings and roofing, in apparently good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

The building contains large quantities of lockers, shelving, some furniture and machinery, and large number of pallets. The building needs to be surveyed for contamination. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:25.2**Longitude:** 088:03:52.2**Facility Number:** 27-17**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The building contains non-friable asbestos transite sidings and roofing in apparently good condition. (FIEL01)

**Explosive Ordnance/Residue**

This warehouse is full. Contents are mainly apparently empty ordinance containers: examples are propellant cans and containers for tracers. The propellant cans are marked in some cases as 1X. A more detailed investigation is recommended for apparent environmental concerns. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:25.**Longitude:** 088:04: 1.7**Facility Number:** 27-18**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse (In us**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The building contains non-friable asbestos transite in sidings and roofing in apparently good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

The building is empty except for some pallets and crates which were also empty. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L23 | <b>Latitude:</b> 041:23:24.4 | <b>Longitude:</b> 088:04:13.3 |
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| <b>Facility Number:</b> 27-19 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Inert Storage Warehouse (Mater | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The building contains non-friable asbestos transite sidings and roofing in apparently good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Loading ramps went into this building. This building is empty and there are no apparent environmental issues and concerns. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:22.4**Longitude:** 088:03:56.9**Facility Number:** 27-20**Future Owner:** USDA**Facility Description:** Warehouse**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. This building contains non-friable asbestos transite sidings and roofing that appear to be in good condition. (FIEL01)

**Explosive Ordnance/Residue**

This building contains assorted production machinery. Also present are suspected ventilation equipment. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

There are seven air storage tanks at this building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L23 | <b>Latitude:</b> 041:23:23.2 | <b>Longitude:</b> 088:04: 0.4 |
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|-------------------------------|---------------------------|
| <b>Facility Number:</b> 27-21 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Inert Storage Warehouse (Equip | <b>Status:</b> Unknown |
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|-------------------------------|--------------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
|-------------------------------|--------------------------------|

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. This building contains non-friable asbestos transite sidings and roofing apparently in good condition. (FIEL01)

**Explosive Ordnance/Residue**

This warehouse contains some equipment which may have been involved in ordinance manufacture. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:** 041:23:23.**Longitude:** 088:04: 7.6**Facility Number:** 27-22**Future Owner:** USDA**Facility Description:** Inert Storage Warehouse (In us**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. This building contains non-friable asbestos transite sidings and roofing in apparently good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building is now empty but was formerly used by the FBI to store unknown types of materials. (FIEL01)

Lessee: Department of Justice

Lease Number: DACA-45-4-79-6244

Effective Dates: 09-01-84 to 08-31-89 (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:****Longitude:****Facility Number:** 27-27B**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 1950**Size:** 26 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:****Longitude:****Facility Number:** 27-27C**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 1950**Size:** 26 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:****Longitude:****Facility Number:** 27-27D**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 1950**Size:** 26 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:****Longitude:****Facility Number:** 27-27E**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 1950**Size:** 26 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:****Longitude:****Facility Number:** 27-29**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 1950**Size:** 26 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:****Longitude:****Facility Number:** 27-30**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 1950**Size:** 26 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|-------------------------------|------------------------------|-------------------------------|
| <b>Facility Location:</b> L23 | <b>Latitude:</b> 041:23:30.3 | <b>Longitude:</b> 088:03:30.6 |
|-------------------------------|------------------------------|-------------------------------|

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|------------------------------|---------------------------|
| <b>Facility Number:</b> 67-2 | <b>Future Owner:</b> USDA |
|------------------------------|---------------------------|

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|---|---------------------------|
| <b>Facility Description:</b> Tank, Elevated | <b>Status:</b> Unoccupied |
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|                               |                            |
|-------------------------------|----------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 0 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

The paint at the bottom of this tower is peeling off. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L23**Latitude:****Longitude:****Facility Number:** TO-27A**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 1950**Size:** 26 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:** 041:20:59.9**Longitude:** 088:05:22.2**Facility Number:** 62-1**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (Equ**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The non-friable asbestos transite roofing of this building is apparently in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 3.80 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:****Longitude:****Facility Number:** 62-2**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (Equ**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L25 | <b>Latitude:</b> 041:21:06.5 | <b>Longitude:</b> 088:05:35.0 |
|-------------------------------|------------------------------|-------------------------------|

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|------------------------------|---------------------------|
| <b>Facility Number:</b> 62-3 | <b>Future Owner:</b> USDA |
|------------------------------|---------------------------|

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|---|------------------------|
| <b>Facility Description:</b> Inert Storage (Fireproof) (Equ | <b>Status:</b> Unknown |
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|                               |                                |
|-------------------------------|--------------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. There is non-friable asbestos transite roofing in apparently good condition at this building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Several large lathes were stored in what appeared to be an attempt to contain a storage area with plastic. Some lathes appeared to have been tested for PCBs, some cases of oil, some wipes, no signage indicated presence of PCBs. Other large machinery are located throughout the building. We could not determine what they were. (FIEL01)

**Radon**

Radon was detected at 5.30 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:****Longitude:****Facility Number:** 62-4**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (Equ**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L25 | <b>Latitude:</b> 041:21:11.4 | <b>Longitude:</b> 088:05:49.4 |
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| <b>Facility Number:</b> 62-5 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Inert Storage (Fireproof) (In | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Transite roof is in apparent good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 2.00 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:** 041:20:59.3**Longitude:** 088:05:22.0**Facility Number:** 62-6**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (in**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Transite roof is in apparent good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 5.50 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:****Longitude:****Facility Number:** 62-7**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (In**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:** 041:21:04.3**Longitude:** 088:65:31.1**Facility Number:** 62-8**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) ("B")**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Transite roof is in apparent good condition. (FIEL01)

**Chemicals/Containers**

Various items were found in this building: 25 pounds of Diammonium Phosphate in a used bag, four bags (100 lb each) of coarse charcoal, and 15 bags of bags labeled "HSTRYENE". The building also contained various fire fighting equipment on east end: hard hats, respiratory equipment, hundreds of fire extinguishers, some of which were charged. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 1.10 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:****Longitude:****Facility Number:** 62-9**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof)**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:****Longitude:****Facility Number:** 62-10**Future Owner:** USDA**Facility Description:** Inert Storage**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:** 041:21:12.5**Longitude:** 088:05:51.7**Facility Number:** 62-11**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof)**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Transite roof is in apparent good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

The Munition Department set up a de-banding operation to receive projectiles from storage, remove the rotating bands and ship the salvaged brass and steel to the Property Disposal yard. (HIST11)

**Radon**

Radon was detected at 0.50 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:** 041:21:22.2**Longitude:** 088:05:12.8**Facility Number:** 62-12**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (In**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Transite roof is in apparent good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L25 | <b>Latitude:</b> 041:21:10.0 | <b>Longitude:</b> 088:05:46.1 |
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| <b>Facility Number:</b> 62-13 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Inert Storage (Fireproof) (In | <b>Status:</b> Unknown |
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|-------------------------------|--------------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Transite roof is in apparent good condition. (FIEL01)

**Chemicals/Containers**

Oil, hydraulic fluid and antifreeze for fork trucks are stored in this building. (DOTA04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1990, this building was operated by Honeywell, INC. (UCCI01)

**Radon**

Radon was detected at 1.80 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:****Longitude:****Facility Number:** 62-14**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (Equ**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:** 041:21:18.2**Longitude:** 088:05:08.6**Facility Number:** 62-15**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (In**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Building is empty. Transite roof is in apparent good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1990, this building was operated by Honeywell, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:****Longitude:****Facility Number:** 62-17**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (Equ**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L25 | <b>Latitude:</b> 041:21:23.4 | <b>Longitude:</b> 088:05:09.3 |
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| <b>Facility Number:</b> 62-18 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Inert Storage (Frame & Corrugated) | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 25000 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Building stored containers for ammunition storage 25mm M61. A screened off area at the east end contains old electronic and communications equipment. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:****Longitude:****Facility Number:** 62-19**Future Owner:** USDA**Facility Description:** Inert Storage (Fireproof) (In**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L25**Latitude:****Longitude:****Facility Number:** 62-20**Future Owner:** USDA**Facility Description:** Inert Storage**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-1**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 1204 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-2**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

The water tower was inspected for paint chips. The paint had fallen from some areas of the tower due to rusting. The chips could not be observed if present due to heavy vegetation. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-3 thru 63-6, 63-10 thru 66-12, 63-29 thru 63-33, 63-35 thru 63-38, 63-40 thru 63-42, 63-68 thru 63-74, 63-76 thru 63-78**Future Owner:** USDA**Facility Description:** High Explosive Igloo**Status:**Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosive was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|-------------------------------|------------------------------|-------------------------------|
| <b>Facility Location:</b> L26 | <b>Latitude:</b> 041:22:44.3 | <b>Longitude:</b> 088:06:19.6 |
|-------------------------------|------------------------------|-------------------------------|

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| <b>Facility Number:</b> 63-7 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> High Explosive Igloos | <b>Status:</b> Unoccupied |
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|                               |                               |
|-------------------------------|-------------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 1204 Square feet |
|-------------------------------|-------------------------------|

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-8**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 1204 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> L26                      | <b>Latitude:</b> 041:22:42.5 | <b>Longitude:</b> 088:06:32.6 |
| <b>Facility Number:</b> 63-9                       | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> High Explosive Igloos | <b>Status:</b> Unoccupied    |                               |
| <b>Acquisition Date:</b> 1942                      | <b>Size:</b>                 | 1204 Square feet              |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 24.80 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-13**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Oil, hydraulic fluid and antifreeze for forklifts are stored here. (DOTA04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-14**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 1204 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-15 thru 63-20, 63-22 thru 66-25, 63-27 thru 63-28, 63-45 thru 63-46, 63-54 thru 63-55, 63-57 thru 63-64**Future Owner:** USDA**Facility Description:** High Explosive Igloo**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L26 | <b>Latitude:</b> 041:22:42. | <b>Longitude:</b> 088:06:25.3 |
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| <b>Facility Number:</b> 63-21 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> High Explosive Igloos | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 1204 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:** 041:22:42.1**Longitude:** 088:06:53.5**Facility Number:** 63-26**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-34**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Demolished**Acquisition Date:** 1942**Size:** 1204 Square feet

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**Environmental Findings:****Asbestos**

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:** 041:22:36.1**Longitude:** 088:06:45.9**Facility Number:** 63-39**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Demolished**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental Findings:****Asbestos**

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-43**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Demolished**Acquisition Date:** 1942**Size:** 1204 Square feet

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**Environmental Findings:****Asbestos**

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-44**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Demolished**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental Findings:****Asbestos**

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L26 | <b>Latitude:</b> 041:22:29.0 | <b>Longitude:</b> 088:06:06.9 |
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| <b>Facility Number:</b> 63-47 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> High Explosive Igloos | <b>Status:</b> Demolished |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 1204 Square feet |
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**Environmental Findings:****Asbestos**

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Other**No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-48**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Demolished**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental Findings:****Asbestos**

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-49**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-50**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-51**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-52**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L26                      | <b>Latitude:</b> 041:22:31.1 | <b>Longitude:</b> 088:06:40.4 |
| <b>Facility Number:</b> 63-53                      | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> High Explosive Igloos | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1942                      | <b>Size:</b>                 | 1204 Square feet              |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Only the main door had lead base paint which was in good condition (based on the test on other buildings in group.) (FIEL01)

**Radon**

Radon was detected at 7.25 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

This building is a poured concrete structure with no apparent environmental concerns. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:** 041:22:28.7**Longitude:** 088:06:59.0**Facility Number:** 63-56**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L26 | <b>Latitude:</b> 041:22:51.9 | <b>Longitude:</b> 088:06:28. |
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| <b>Facility Number:</b> 63-65 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> High Explosive Igloos | <b>Status:</b> Unoccupied |
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|-------------------------------|-------------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 1204 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-66**Future Owner:** USDA**Facility Description:** High Explosive Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 1204 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L26 | <b>Latitude:</b> 041:22:51.3 | <b>Longitude:</b> 088:06:38.2 |
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| <b>Facility Number:</b> 63-67 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> High Explosive Igloos | <b>Status:</b> Unknown |
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|-------------------------------|-------------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 1204 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|-------------------------------|------------------------------|-------------------------------|
| <b>Facility Location:</b> L26 | <b>Latitude:</b> 041:22:48.0 | <b>Longitude:</b> 088:06:33.0 |
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|-------------------------------|---------------------------|
| <b>Facility Number:</b> 63-75 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> High Explosive Igloos | <b>Status:</b> Unknown |
|--|------------------------|

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|-------------------------------|-------------------------------|
| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 1204 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-79A**Future Owner:** USDA**Facility Description:** Latrine (Reported Excess)**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 26 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L26**Latitude:****Longitude:****Facility Number:** 63-79B**Future Owner:** USDA**Facility Description:** Latrine (Reported Excess)**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 26 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number:** 64-1, 64-2, 64-9 thru 64-21, 64-24 thru 64-29    **Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:**Unknown**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number:** 64-3**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

TNT, lead, chromium and nitrate were detected in the 1989 study. It was concluded that widespread explosive contamination of the area had not occurred. (DAMO06)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1990, this building was operated by the Talley Defense System, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number:** 64-4**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building was used by JATA for storage until 1981. The area was in satisfactory condition when emptied. (MILR01)

In 1990, this building was operated by the Talley Defense System, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:** 041:21:30.9**Longitude:** 088:02:32.3**Facility Number:** 64-5**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

Asbestos cement board roof - Non-Friable (FIEL01)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

Some soil, near railroad tracks by door at southeast corner of building, had a slight red staining. (FIEL01)

**Hazardous Materials/Waste**

This building was used for hazardous waste storage. (CDKI01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition. (FIEL01)

**Other**

Vents on base of building around perimeter appears to have collected floor sweepings and residue. (FIEL01)

This building was used by JATA for storage until 1981. The area was in satisfactory condition when emptied. (MILR01)

In 1990, this building was operated by the Talley Defense System, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number:** 64-6**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

Samples from the paint chips found on the ground near the loading dock doors showed lead levels up to 1,278 mg/kg. (DAMO06)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number:** 64-7**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

Samples from the paint chips found on the ground near the loading dock doors showed lead levels up to 1,278 mg/kg. (DAMO06)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number:** 64-8**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Buil**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

TNT, lead, chromium and nitrate were detected in the 1989 study. It was concluded that widespread explosive contamination of the area had not occurred. (DAMO06)

**Lead-Based Paint**

Samples from the paint chips found on the ground near the loading dock doors showed lead levels up to 1,278 mg/kg. (DAMO06)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number:** 64-22**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:** Unknown**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1990, this building was operated by Honeywell, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number:** 64-23**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:** Unknown**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1990, this building was operated by Honeywell, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number,** 64-30 thru 64-33**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:**Unknown**Acquisition Date:** 1942**Size:** 11279 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

Paint was found to be in good condition.

The paint observed at this was in good condition. (FIEL01)

**Other**

Vent around perimeter of the building appears to have collected floor sweepings and residue. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:** 041:21:18.1**Longitude:** 088:02:26.0**Facility Number:** 64-34**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 11279 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

Roof - Non-Friable (FIEL01)

**Chemicals/Containers**

There are several empty 55-gallon drums (look unused) and some metal portable berms with nothing contained within. About 20 percent of the building floor on the south end is surrounded with a concrete dike. (FIEL01)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Vent around perimeter of the building appears to have collected floor sweepings and residue. (FIEL01)

**PCBs**

This building is used for PCB storage. A small pole mounted transformer is stored in a metal portable berm within the building. According to Nancy Yates, transformer contains oil with 61 ppm PCBs. (FIEL01)

PCB was stored here. (EPAV11)

This building has been designated as a PCB storage area. (UCCI01)

During an audit in 1986 this building contained a drained transformer. (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L27**Latitude:****Longitude:****Facility Number,** 64A, 64AA, 64AB, 64AC, 64AD, 64B, T-64    **Future Owner:** USDA**Facility Description:** Latrine (Reported Excess)**Status:**Unknown**Acquisition Date:** 1942**Size:** 26 Square feet

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**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number:** 65-1**Future Owner:** USDA**Facility Description:** Smokeless Powder Igloos (In us**Status:** Unknown**Acquisition Date:** 1942**Size:** 2383 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1990, this building was operated by Honeywell, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number:** 65-2 thru 65-3, 65-7 thru 65-9**Future Owner:** USDA**Facility Description:** Smokeless Powder Igloos (In us**Status:** Unknown**Acquisition Date:** 1942**Size:** 2383 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number:** 65-4**Future Owner:** USDA**Facility Description:** Smokeless Powder Igloos (in us**Status:** Unknown**Acquisition Date:** 1942**Size:** 2383 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Until October 1981, JATA used this building for storage. An inspection of the igloo by the GOCO following removal of the JATA materials found the area to be in satisfactory condition. (MILR01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number:** 65-5**Future Owner:** USDA**Facility Description:** Smokeless Powder Igloos (in us**Status:** Unknown**Acquisition Date:** 1942**Size:** 2383 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Until October 1981, JATA used this building for storage. An inspection of the igloo by the GOCO following removal of the JATA materials found the area to be in satisfactory condition. (MILR01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number,** 65-6**Future owner:** USDA**Facility Description:** Smokeless Powder Igloos (In us**Status:**Unknown**Acquisition Date:** 1942**Size:** 2383 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains , as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosive was found. (EPAV04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

**Radioactive Materials/Waste**

Strontium peroxide was stored in this building. (JAAP51)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number:** 65-10, 65-12 thru 65-19**Future Owner:** USDA**Facility Description:** Smokeless Powder Igloos**Status:** Unknown**Acquisition Date:** 1942**Size:** 2383 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

**Other**

In 1990, this building was operated by Honeywell, Inc. (UCCI04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number:** 65-11**Future Owner:** USDA**Facility Description:** Smokeless Powder Igloos (In us**Status:** Unknown**Acquisition Date:** 1942**Size:** 2383 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1990, this building was operated by Honeywell, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number,** 65-20 thru 65-26**Future Owner:** USDA**Facility Description:** Smokeless Powder Igloos (In us**Status:**Unknown**Acquisition Date:** 1942**Size:** 2383 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains , as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosive was found. (EPAV04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

Paint was found to be in good condition.

The paint observed at this was in good condition. .(FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number,** 65-27 thru 65-33**Future Owner:** USDA**Facility Description:** Smokeless Powder Igloos**Status:**Unknown**Acquisition Date:** 1942**Size:** 2383 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains , as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosive was found. (EPAV04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number:** 65-34**Future Owner:** USDA**Facility Description:** Concrete Ramp & Loading Platfo**Status:** Unoccupied**Acquisition Date:** 1960**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

Gasoline, oil, hydraulic fluid, and antifreeze are stored here. (DOTA04)

**Explosive Ordnance/Residue**

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number,** 65-A thru 65-C**Future Owner:** USDA**Facility Description:** Latrine (Reported Excess)**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 26 Square feet

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**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L28**Latitude:****Longitude:****Facility Number:** 65-D**Future Owner:** USDA**Facility Description:** Latrine (Reported Excess)**Status:** Unknown**Acquisition Date:** 1942**Size:** 26 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-1**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

Composite samples were examined for visible evidence of explosives or other contaminants. The level of TNT detected was less than the primary remediation goals for JAAP. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-2 thru 66-6, 66-9 thru 66-12, 66-15 thru 66-23, 66-25 thru 66-31, 66-43, 66-44, 66-46, 66-48 thru 66-51, 66-53 thru 66-56**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:**Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo Door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based-paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-7**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked (Best Lock). (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-8**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

Composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-13**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked. There was a PCB sticker on the door. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**PCBs**

During November 1979, work was completed in building a storage area for transformer oil (PCB's) and contaminated materials. (HIST32)

Drummed PCB contaminated liquids and solids were stored for over 30 days in this building. (ALSI01)

Drummed PCB contaminated liquids and solids were stored for over 30 days in this building. (ACOE04)

PCB was stored here. (EPAV11)

This building has been designated as a PCB storage area. (UCCI01)

A sign was attached to the door of this building which read "DANGER PCB STORAGE". This building could not be surveyed. (FIEL01)

**Other**

There are no potential areas of concern and there has been no evidence of previous spills or releases at this site. (DAMO06)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:** 041:22:15.3**Longitude:** 088:02:16.2**Facility Number:** 66-14**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

Paint was found to be in Good condition.

Used Carolina Environment Lead Detection Test on door; indicated lead based paint. Paint is peeling in several small patches. (FIEL01)

**Other**

Sign indicates do not extinguish fire with water and a 30" orange field triangle sign.

Building contains empty lockers. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-24**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked (Best Lock). (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-34**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**PCBs**

This building is used to store PCB contaminated equipment for longer than thirty days. (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-35**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked (Best Lock). (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-45**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained used coveralls and gloves. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1990, this building was operated by A-Z Technology, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-47**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

In 1990, this building was operated by A-Z Technology, INC. (UCCI01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:** 041:22:28.**Longitude:** 088:01:49.5**Facility Number:** 66-52**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 5.50 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-57**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

Composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:** 041:23:00.6**Longitude:** 088:01:19.8**Facility Number:** 66-58**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

Composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

The paint on the door is in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-59 thru 66-64**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo Door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based-paint is present. (JAAP10)

Paint was found to be in good condition.

The paint on the door is in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L29 | <b>Latitude:</b> 041:22:35.8 | <b>Longitude:</b> 088:01:35.0 |
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| <b>Facility Number:</b> 66-65 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Finished Ammunition Storage Ma | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 1793 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-66 thru 66-71**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo Door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked (Master Lock) due to CFS Lease. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based-paint is present. (JAAP10)

**Other**

Lessee: National Starch & Chemical Corporation

Custom Farm Seed Division

Lease Number: DACA-27-1-84-55

Effective Dates: 06-01-84 to 05-31-89

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:** 041:22:10.**Longitude:** 088:01:47.8**Facility Number:** 66-72**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

The paint on the door is in good condition. (FIEL01)

**Radon**

Radon was detected at 5.70 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|---|-----------------------------|-------------------------------|
| <b>Facility Location:</b> L29                               | <b>Latitude:</b> 041:22: 9. | <b>Longitude:</b> 088:01:55.6 |
| <b>Facility Number:</b> 66-73                               | <b>Future Owner:</b> USDA   |                               |
| <b>Facility Description:</b> Finished Ammunition Storage Ma | <b>Status:</b> Unknown      |                               |
| <b>Acquisition Date:</b> 1942                               | <b>Size:</b>                | 1793 Square feet              |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 13.30 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|---|-------------------------------|---------------------------|
| <b>Facility Location:</b> L29                               | <b>Latitude:</b>              | <b>Longitude:</b>         |
| <b>Facility Number:</b> 66-74 thru 66-77, 66-79, 66-80      |                               | <b>Future Owner:</b> USDA |
| <b>Facility Description:</b> Finished Ammunition Storage Ma |                               | <b>Status:</b> Unknown    |
| <b>Acquisition Date:</b> 1942                               | <b>Size:</b> 1793 Square feet |                           |

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**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo Door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosive or other contaminants. No evidence of TNT or other explosive was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based-paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-78**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-81**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked (Master Lock) due to CFS Lease. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Lessee: National Starch & Chemical Corporation

Custom Farm Seed Division

Lease Number: DACA-45-1-82-6062

Effective Dates: 02-01-82 to 01-31-87 (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-82**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

Composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked (Master Lock) due to CFS Lease. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Lessee: National Starch & Chemical Corporation

Custom Farm Seed Division

Lease Number: DACA-45-1-82-6062

Effective Dates: 02-01-82 to 01-31-87 (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-83**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked (Master Lock) due to CFS Lease. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Lessee: National Starch & Chemical Corporation

Custom Farm Seed Division

Lease Number: DACA-45-1-82-6062

Effective Dates: 02-01-82 to 01-31-87 (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-84**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked (Master Lock) due to CFS Lease. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Lessee: National Starch & Chemical Corporation

Custom Farm Seed Division

Lease Number: DACA-45-1-82-6062

Effective Dates: 02-01-82 to 01-31-87 (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-85**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-86**Future Owner:** USDA**Facility Description:** Finished Ammunition Storage Ma**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Chemicals/Containers**

Polycyclic aromatic hydrocarbons and TCLP chromium were detected in the soil samples. (EDII01)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was a locked RCRA Storage building. (DOTA27)

**Hazardous Materials/Waste**

Designated for hazardous waste storage storage. (UCC101)

Maximum storage is 140 55-gallon drums. (DOTA08)

The State of Illinois granted clean closure under 35 IAC 725 to this hazardous waste storage area. PBX pellets, boxes of scrap Composition B, drums of mixed sludge, used gas masks canisters, 12 ounces of 2,3,4,6- tetrachlorophenal and used battery acid were stored here. (JAAP16)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|   |                           |                   |
|---|---------------------------|-------------------|
| <b>Facility Location:</b> L29                               | <b>Latitude:</b>          | <b>Longitude:</b> |
| <b>Facility Number:</b> 66-87                               | <b>Future Owner:</b> USDA |                   |
| <b>Facility Description:</b> Finished Ammunition Storage Ma | <b>Status:</b> Unoccupied |                   |
| <b>Acquisition Date:</b> 1942                               | <b>Size:</b>              | 1793 Square feet  |

**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Chemicals/Containers**

Polycyclic aromatic hydrocarbons and low levels of TNT were detected in the soil samples. (EDII01)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was a locked RCRA Storage building. (DOTA27)

**Hazardous Materials/Waste**

Designated for hazardous waste storage.  
(UCC101)

Maximum storage is 140 55-gallon drums. (DOTA08)

04)

The State of Illinois granted clean closure under 35 IAC 725 to this hazardous waste storage area. PBX pellets, boxes of scrap Composition B, drums of mixed sludge, used gas masks canisters, 12 ounces of 2,3,4,6- tetrachlorophenal and used battery acid were stored here. (JAAP16)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|   |                           |                   |
|---|---------------------------|-------------------|
| <b>Facility Location:</b> L29                               | <b>Latitude:</b>          | <b>Longitude:</b> |
| <b>Facility Number:</b> 66-88                               | <b>Future Owner:</b> USDA |                   |
| <b>Facility Description:</b> Finished Ammunition Storage Ma | <b>Status:</b> Unknown    |                   |
| <b>Acquisition Date:</b> 1942                               | <b>Size:</b>              | 1793 Square feet  |

**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Chemicals/Containers**

Polycyclic aromatic hydrocarbons and low levels of TNT were detected in the soil samples. (EDII01)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosives was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was a locked RCRA Storage building. (DOTA27)

**Hazardous Materials/Waste**

Designated for hazardous waste storage. (UCCI01)

Maximum storage is 140 55-gallon drums. (DOTA08)

(COE04)

The State of Illinois granted clean closure under 35 IAC 725 to this hazardous waste storage area. PBX pellets, boxes of scrap Composition B, drums of mixed sludge, used gas masks canisters, 12 ounces of 2,3,4,6- tetrachlorophenal and used battery acid were stored here. (JAAP16)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-A**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-B**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** 66-C**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L29**Latitude:****Longitude:****Facility Number:** T-66**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 1962**Size:** 25 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L30**Latitude:****Longitude:****Facility Number:** 66A-89 thru 66A99, 66A-108 thru 66A-115**Future Owner:** USDA**Facility Description:** Finished Ammunition igloo**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L30**Latitude:****Longitude:****Facility Number:** 66A-100 thru 66A-107, 66A-116 thru 66A-122 **Future Owner:** USDA**Facility Description:** Finished Ammunition Igloo**Status:**Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

A spade full of dirt turned over under one or both drains, as well as composite samples were examined for visible evidence of explosives or other contaminants. No evidence of TNT or other explosive was found. (EPAV04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L30**Latitude:** 041:22:57.8**Longitude:** 088:02:44.7**Facility Number:** 66A-123**Future Owner:** USDA**Facility Description:** Finished Ammunition Igloo**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage, deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 5.10 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L30                          | <b>Latitude:</b> 041:22:59.7 | <b>Longitude:</b> 088:02:49.6 |
| <b>Facility Number:</b> 66A-124                        | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Finished Ammunition Igloo | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1942                          | <b>Size:</b>                 | 1793 Square feet              |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage, deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 6.70 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L30**Latitude:** 041:23: 0.3**Longitude:** 088:02:53.**Facility Number:** 66A-125**Future Owner:** USDA**Facility Description:** Finished Ammunition Igloo**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage, deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 3.00 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L30                          | <b>Latitude:</b> 041:23: 0.3 | <b>Longitude:</b> 088:02:54.2 |
| <b>Facility Number:</b> 66A-126                        | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Finished Ammunition Igloo | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1942                          | <b>Size:</b>                 | 1793 Square feet              |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage, deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 10.70 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L30**Latitude:** 041:22:59.4**Longitude:** 088:03: 8.0**Facility Number:** 66A-127**Future Owner:** USDA**Facility Description:** Finished Ammunition Igloo**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage, deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 1.30 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> L30                          | <b>Latitude:</b> 041:22:55.9 | <b>Longitude:</b> 088:03:15.6 |
| <b>Facility Number:</b> 66A-128                        | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Finished Ammunition Igloo | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1942                          | <b>Size:</b>                 | 1793 Square feet              |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage, deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 4.90 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L30**Latitude:** 041:22:57.6**Longitude:** 088:03:21.1**Facility Number:** 66A-129**Future Owner:** USDA**Facility Description:** Finished Ammunition Igloo**Status:** Unknown**Acquisition Date:** 1942**Size:** 1793 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage, deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 5.80 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

No apparent environmental concerns in this poured concrete structure. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L30**Latitude:****Longitude:****Facility Number:** 66A-A**Future Owner:** USDA**Facility Description:** Latrine**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in O condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L31**Latitude:****Longitude:****Facility Number:** 9-31**Future Owner:** USDA**Facility Description:** Lead Azide Storage Vault**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 144 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L31**Latitude:****Longitude:****Facility Number:** 9-32**Future Owner:** USDA**Facility Description:** Fulminate of Mercury Storage V**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 144 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L35**Latitude:****Longitude:****Facility Number:** 23-8**Future Owner:** USDA**Facility Description:** Kemery Dam**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**Facility Location:** L35

**Latitude:**

**Longitude:**

**Future Owner: USDA**

**Status:** Demolished

**Size:** 0 Square feet

### Environmental Findings:

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-4D**Future Owner:** USDA**Facility Description:** Garage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-5**Future Owner:** USDA**Facility Description:** Residence**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-5A**Future Owner:** USDA**Facility Description:** 3 Car Garage**Status:** Demolished**Acquisition Date:** 19**Size:**

0 Square feet

**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-5B**Future Owner:** USDA**Facility Description:** 2 Car Garage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-6**Future Owner:** USDA**Facility Description:** Residence**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-6A**Future Owner:** USDA**Facility Description:** Garage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-7**Future Owner:** USDA**Facility Description:** Residence**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-7A**Future Owner:** USDA**Facility Description:** Residence**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-7B**Future Owner:** USDA**Facility Description:** Residence**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L100**Latitude:****Longitude:****Facility Number:** 74-7C**Future Owner:** USDA**Facility Description:** Residence**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L102**Latitude:****Longitude:****Facility Number:** 25-2**Future Owner:** USDA**Facility Description:** Guard House**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L102**Latitude:****Longitude:****Facility Number:** 25-8**Future Owner:** USDA**Facility Description:** Guard House**Status:** Unknown**Acquisition Date:** 1963**Size:** 624 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L102**Latitude:****Longitude:****Facility Number:** 67-3**Future Owner:** USDA**Facility Description:** Elevated Water Tank**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L103**Latitude:****Longitude:****Facility Number:** 21-1**Future Owner:** USDA**Facility Description:** North Substation**Status:** Unknown**Acquisition Date:** 1942**Size:** 512 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L103**Latitude:****Longitude:****Facility Number:** 21-2**Future Owner:** USDA**Facility Description:** North Substation**Status:** Unknown**Acquisition Date:** 1942**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L108**Latitude:** 041:22:46.2**Longitude:** 088:04:11.7**Facility Number:** 71-9**Future Owner:** USDA**Facility Description:** Commercial Truck Inspection Of**Status:** Unknown**Acquisition Date:** 1942**Size:** 384 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. The roofing of this location is transite in good condition. The asbestos present is non-friable. (FIEL01)

**Aboveground Storage Tanks**

A fuel oil AST probably supplied the oil furnace in this building. No tank is currently present. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

Peeling paint is present. (FIEL01)

**Other**

A water well pipe was observed. (FIEL01)

**Pesticides**

Two empty 5 pounds containers of Dupont Canopy herbicide were found-metribuzinc chlorimuron ethyl. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L111**Latitude:****Longitude:****Facility Number:** 4-27D**Future Owner:** USDA**Facility Description:** Guard House**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L111**Latitude:****Longitude:****Facility Number:** 74-4B**Future Owner:** USDA**Facility Description:** Residence**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L113**Latitude:****Longitude:****Facility Number:** 71-1**Future Owner:** USDA**Facility Description:** Chemical Laboratory**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 4-26**Future Owner:** USDA**Facility Description:** Fulminate of Mercury Storage V**Status:** Unknown**Acquisition Date:** 1942**Size:** 144 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 5-26**Future Owner:** USDA**Facility Description:** Fulminate Mercury Storage Vault**Status:** Unknown**Acquisition Date:** 1942**Size:** 144 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:** 041:21:00.4**Longitude:** 088:07:32.3**Facility Number:** 5-27**Future Owner:** USDA**Facility Description:** Lead Azide Storage Vault**Status:** Unknown**Acquisition Date:** 1942**Size:** 144 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. There was no non-friable asbestos on this building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Pain on the door was in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 6-10**Future Owner:** USDA**Facility Description:** Power House**Status:** Unknown**Acquisition Date:** 1942**Size:** 1615 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Underground Storage Tanks**

Two 15,000 gallon underground storage tanks containing fuel oil were removed from this site in August 1991. (BEST02)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:** 041:21:23.4**Longitude:** 088:07:22.2**Facility Number:** 9-19**Future Owner:** USDA**Facility Description:** First Aid Building**Status:** Unknown**Acquisition Date:** 1942**Size:** 800 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Friable and non-friable asbestos were observed in good condition. (FIEL01)

**Explosive Ordnance/Residue**

Building is not contaminated with explosives and/or has been converted to office building for administrative personnel and is considered to be in XXXXX condition. (UCC104)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10). Peeling and flaking paint was observed at this building. (FIEL01)

**Other**

Outbuilding 9-38A has a large lead acid battery inside. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L112 | <b>Latitude:</b> 041:21:13.4 | <b>Longitude:</b> 088:07:23.7 |
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| <b>Facility Number:</b> 9-26 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Sewage Pumping Station | <b>Status:</b> Unknown |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 299 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Non-friable Asbestos was observed in good condition. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building was being used by Uniroyal Chemical Company (June 1993). (UCCI04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 9-38A**Future Owner:** USDA**Facility Description:** Emergency Load Center**Status:** Unknown**Acquisition Date:** 1960**Size:** 69 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Building is not contaminated with explosives and/or has been converted to office building for administrative personnel and is considered to be in XXXXX condition. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 45-1**Future Owner:** USDA**Facility Description:** Booster Reclaiming of Manufact**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 45-2**Future Owner:** USDA**Facility Description:** Women's Lunch & Change House**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 45-3**Future Owner:** USDA**Facility Description:** Office**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 45-4**Future Owner:** USDA**Facility Description:** Fuse Reclaiming of Manufacture**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 45-5**Future Owner:** USDA**Facility Description:** Painting Building**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 45-6**Future Owner:** USDA**Facility Description:** Box Storage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 74-1**Future Owner:** USDA**Facility Description:** Residence**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 74-1A**Future Owner:** USDA**Facility Description:** Garage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 74-2**Future Owner:** USDA**Facility Description:** Residence**Status:** Unoccupied**Acquisition Date:** 1940**Size:** 3672 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 2.60 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 74-2A**Future Owner:** USDA**Facility Description:** Garage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 74-2B**Future Owner:** USDA**Facility Description:** Garage**Status:** Unoccupied**Acquisition Date:** 1940**Size:** 438 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L112 | <b>Latitude:</b> 041:21:03.5 | <b>Longitude:</b> 088:07:56.8 |
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| <b>Facility Number:</b> 74-3 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Residence | <b>Status:</b> Occupied |
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| <b>Acquisition Date:</b> 1940 | <b>Size:</b> 4935 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint is good condition was observed. (FIEL01)

**Radon**

Radon was detected at 3.20 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 74-3A**Future Owner:** USDA**Facility Description:** Garage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 74-3B**Future Owner:** USDA**Facility Description:** Garage**Status:** Occupied**Acquisition Date:** 1940**Size:** 287 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 74-4A**Future Owner:** USDA**Facility Description:** Residence**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L112**Latitude:****Longitude:****Facility Number:** 74-4C**Future Owner:** USDA**Facility Description:** Garage**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L116**Latitude:****Longitude:****Facility Number:** 6-51C**Future Owner:** USDA**Facility Description:** Barricade - Earthen**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> L116 | <b>Latitude:</b> 041:21:28.8 | <b>Longitude:</b> 088:05:00.7 |
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| <b>Facility Number:</b> 24-1 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Reichert Fire Station | <b>Status:</b> Unoccupied |
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| <b>Acquisition Date:</b> 1942 | <b>Size:</b> 6720 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Elbows in boiler room may contain friable asbestos, but they appear to be in good condition. (FIEL01)

**Chemicals/Containers**

The basement of the building, accessible through outside, contains a boiler in a 15'x10' room. Oil stains cover a large portion of the floor. A gas can is also present.

(FIEL01)

Filling soda-acid fire extinguishers involved sulfuric acid in this building.

Carbon tetrachloride was used to fill fire extinguishers in this building. (DOTA15)

**Explosive Ordnance/Residue**

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

The paint inside the building is peeling and flaking. (FIEL01)

**Other**

There is scattered debris throughout interior of the building, along with a paint can with residues, a battery, and Germ-O-Solver (didecyl dimethyl ammonium chloride). (FIEL01)

**Underground Storage Tanks**

A suspected UST fill pipe and vent is adjacent to this building. A petroleum odor was noted at the suspected fill pipe and a photoionization detector reading of 40 ppm at the top of the pipe indicated the likely presence of volatile organic compounds. (FIEL01)

One 560 gallon underground storage tank containing diesel is located at this site. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L116**Latitude:****Longitude:****Facility Number:** 24-1A**Future Owner:** USDA**Facility Description:** Air Siren Building**Status:** Unoccupied**Acquisition Date:** 1951**Size:** 90 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Aboveground Storage Tanks**

The building contains large tank (possibly water) and two apparently empty oxygen tanks. There is a 3,000-gallon AST with a strong petroleum odor around it, about 60 feet west of building set, that has FLAMMABLE label and appears to be empty. (FIEL01)

**Chemicals/Containers**

There is a paint can (apparently empty) immediately north of building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**PCBs**

Pole number 790 is immediately west of the building and has two transformers. (FIEL01)

**Sump/Septic/Dry Wells**

Immediately north of the AST at this building, there are two clay stick-ups with metal lids, that appear to have water at about four feet below ground surface. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L116**Latitude:** 041:21:30.7**Longitude:** 088:04:54.2**Facility Number:** 24-2**Future Owner:** USDA**Facility Description:** Fire Extinguisher Service Bui**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 455 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

The building contained two poly drums (a 55-gallon and a 35-gallon) both full of liquids that may be soap solutions per signage on wall.

There were two cans of spray paint and fire extinguishing powder (about 10 lbs), containing siliconized ammonium phosphate. A half gallon of ammonia and a gallon of waste oil were also found.

A gallon container of waste oil was found outside, west of the building, on the ground.

There was a 15' long oil stain in parking lot north of the building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L116**Latitude:** 041:21:29.6**Longitude:** 088:05:00.8**Facility Number:** 24-3**Future Owner:** USDA**Facility Description:** Oil Storage**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

There was an oil stain present on the floor of the building.

(FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L116**Latitude:****Longitude:****Facility Number:** 62-25A**Future Owner:** USDA**Facility Description:** Superintendent's Office (North**Status:** Unknown**Acquisition Date:** 1942**Size:** 25000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Aboveground Storage Tanks**

There was one empty 500-gallon tank behind the building. (FIEL01)

**Explosive Ordnance/Residue**

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

The paint at this building is peeling and flaking. (FIEL01)

**Other**

There was a red stain on the east side of the building in former parking area. Art Holtz says this may be potash from farmers. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L116**Latitude:****Longitude:****Facility Number:** 62-25B**Future Owner:** USDA**Facility Description:** Superintendent's Office (Sout)**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**Facility Location:** L116

**Latitude:**

Longitude:

**Future Owner: USDA**

**Status:** Demolished

**Size:** 0 Square feet

### Environmental Findings:

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L117**Latitude:****Longitude:****Facility Number:** 2-27A**Future Owner:** USDA**Facility Description:** Guard House**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 120 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L117**Latitude:****Longitude:****Facility Number:** 3A-27A**Future Owner:** USDA**Facility Description:** Guard House**Status:** Unknown**Acquisition Date:** 1941**Size:** 120 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L118**Latitude:****Longitude:****Facility Number:** 3-27A**Future Owner:** USDA**Facility Description:** Guard House**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 120 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L118**Latitude:****Longitude:****Facility Number:** 3-27B**Future Owner:** USDA**Facility Description:** Guard House**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 120 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L118**Latitude:****Longitude:****Facility Number:** 64-26A**Future Owner:** USDA**Facility Description:** Standard Fixed Ammunition Stor**Status:** Demolished**Acquisition Date:** 1942**Size:** 11279 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L118**Latitude:** 041:21:53.2**Longitude:** 088:02:33.5**Facility Number:** 64-35**Future Owner:** USDA**Facility Description:** Equipment Room (in use by Hone**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 1440 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Transite walls with non-friable asbestos in good condition were present outside the building. (FIEL01)

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)  
A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).  
Paint is peeling and flaking in and outside of the building. (FIEL01)

**Other**

A sign at the building indicates that battery service was conducted. A hoist support was still present in the building (to remove engines). JAAP staff confirmed that this building was for battery service.

A sign on the building says "63-35", but 1964 master plan maps identifies the building as "64-35" and the buiding described by '64-35" seems to match this building. (FIEL01)

**Underground Storage Tanks**

An oil furnace is located within the building, on its immediate north face. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L118**Latitude:****Longitude:****Facility Number:** 64-36**Future Owner:** USDA**Facility Description:** Change House**Status:** Unoccupied**Acquisition Date:** 1973**Size:** 3509 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Friable asbestos was observed in good condition on the pipe insulation in the boiler room. (FIEL01)  
Insulation in Igloo door. (UCCI04)

**Aboveground Storage Tanks**

A 1000-gallon potable water tank is currently located 80 feet north of building. An oil stain is located beneath a generator associated with the tank. A crushed and empty 500-gallon tank is located on the south walkway. (FIEL01)

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)  
A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).  
Paint was found to be in Good condition.  
The paint observed at this building was in good condition. (FIEL01)

**Other**

Some type of 3 pump system (lift station ?) is located 50 feet south of the building. The sign on the building says "65-36". The 1964 Master plan map shows a building "64-26A" at this location, and the 1988 building list description for 64-36 matches what was observed on site. (FIEL01)

**Sump/Septic/Dry Wells**

Building list indicates that a septic tank (ST-64) is present here. (JAAP10)

**Underground Storage Tanks**

One 2,000 gallon underground storage tank containing fuel oil was removed from this site in  
September 1993. (BEST01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L118**Latitude:** 041:21:01.4**Longitude:** 088:02:46.0**Facility Number:** 65-35**Future Owner:** USDA**Facility Description:** Guard House**Status:** Unoccupied**Acquisition Date:** 1962**Size:** 312 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Aboveground Storage Tanks**

There is a 250 gasoline AST, 80 feet north of the building. (FIEL01)

**Chemicals/Containers**

There are fourteen 25-gallon steel drums (empty on west side of building). The latter are marked PROPELLANT EXPLOSIVE ~ FOR 90mm GUN T19 W/SHELL HE T01 SHELL T-92.

There is an 8'x 3'x 1' pile of white granular substance at this building (maybe weathered road salt). (FIEL01)

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

About one pound of propellant pellets was found on concrete pad, east of the building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

The exterior of the building is in good condition. The interior is peeling. (FIEL01)

**Other**

The block construction of this building is made with Asphalt Shingles.

There may be a monitoring well just east of the building. There are four bollards for protection. (FIEL01)

**Sump/Septic/Dry Wells**

Building list indicates that a septic tank (ST-65) is present here. (JAAP10)

There are four clay sitck-ups with grated tops on the west side of the building. The PID read is background in 2 of exposed accesses (we are not sure of their purposes or functions).

There is an underground sump with six four-inch pipes west of the building (we could not determine where they lead out to; possibly a drain field). (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L118**Latitude:****Longitude:****Facility Number:** 67-4**Future Owner:** USDA**Facility Description:** Tank, Elevated**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**PCBs**

Oil from the electrical box on the tower leg was field tested for PCBs 12/7/95. Contained less than 50 ppm. A 5 x 5 foot oil stain was present beneath the electrical box. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L120**Latitude:****Longitude:****Facility Number:** 1-46**Future Owner:** USDA**Facility Description:** Guard House (Test Site)**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 89 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L120**Latitude:****Longitude:****Facility Number:** 3A-26**Future Owner:** USDA**Facility Description:** Sewage Pumping Station**Status:** Unknown**Acquisition Date:** 1942**Size:** 250 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building on the north side of Group 1 poses no environmental concerns. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L121**Latitude:** 041:21:02.5**Longitude:** 088:02:45.7**Facility Number:** 65-36**Future Owner:** USDA**Facility Description:** Change House**Status:** Unknown**Acquisition Date:** 1963**Size:** 320 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Aboveground Storage Tanks**

There is a 500-gallon tank (possibly containing oil) adjacent to the building. (FIEL01)

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building has a metal shed with a metal roof. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** L121**Latitude:****Longitude:****Facility Number:** 71-10**Future Owner:** USDA**Facility Description:** TimeKeeper's Office**Status:** Unknown**Acquisition Date:** 1942**Size:** 160 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M15**Latitude:****Longitude:****Facility Number:** 505-3**Future Owner:** USDA**Facility Description:** Sewage Treatment Plant**Status:** Unknown**Acquisition Date:** 1941**Size:** 2282 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Much progress has been made to reduce or eliminate the infiltration problem at this plant. The plant collection system is comprised of about 10 miles of gravity sewers, four lift stations and two miles of force mains. All flows above 0.775 MGD received primary settling and disinfection and were then bypassed to the red water ditch. New sand was put on the drying beds. However, these beds were constructed nearly 30 years ago (1941), and the condition of the underdrains is unknown. (EPAV07)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 505-3-1**Future Owner:** USDA**Facility Description:** Sewage Tank, Final Treatment**Status:** Unknown**Acquisition Date:** 1969**Size:** 1094 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 704-16**Future Owner:** USDA**Facility Description:** Supervisor's Office**Status:** Demolished**Acquisition Date:** 1941**Size:** 1280 Square feet

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**Environmental Findings:****Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (DISP03)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 707-17**Future Owner:** USDA**Facility Description:** Change House**Status:** Demolished**Acquisition Date:** 1941**Size:** 2462 Square feet**Environmental Findings:****Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (DISP22)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 707-20**Future Owner:** USDA**Facility Description:** Change House**Status:** Demolished**Acquisition Date:** 1941**Size:** 1586 Square feet

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**Environmental Findings:****Asbestos**

Transite siding (DISP21)

**Explosive Ordnance/Residue**This building is considered to be in 0 condition. It was not contaminated with explosives. (DISP21)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 715-4**Future Owner:** USDA**Facility Description:** Storage Building, Oil & Kerosene**Status:** Demolished**Acquisition Date:** 1941**Size:** 137 Square feet

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**Environmental Findings:****Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (DISP20)

This building is considered to be in 0 condition. It was not contaminated with explosives. (JAAP50)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 719**Future Owner:** USDA**Facility Description:** Storage Building**Status:** Demolished**Acquisition Date:** 1941**Size:** 196 Square feet

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**Environmental Findings:****Asbestos**

Roof- asbestos shingles (DISP19)

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (DISP19)

During February 1981 this building was disposed of by controlled burning. Precautions were taken to ensure by-products from controlled burn were not a problem. (HIST36)

**Other**During February 1981, this building was disposed of by controlled burning. (HIST36)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 722-13**Future Owner:** USDA**Facility Description:** Area Shop**Status:** Demolished**Acquisition Date:** 1941**Size:** 820 Square feet

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**Environmental Findings:****Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (DISP15)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 841**Future Owner:** USDA**Facility Description:** Receiving House**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 841-1**Future Owner:** USDA**Facility Description:** Receiving House**Status:** Demolished**Acquisition Date:** 1941**Size:** 710 Square feet

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**Environmental Findings:****Asbestos**

Asbestos shingles on roof. (DISP16)

**Explosive Ordnance/Residue**

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (DISP16)

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (JAAP50)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 841-2**Future Owner:** USDA**Facility Description:** Receiving House**Status:** Demolished**Acquisition Date:** 1941**Size:** 791 Square feet

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**Environmental Findings:****Asbestos**

Asbestos shingles on roof. (DISP16)

**Explosive Ordnance/Residue**

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (DISP16)

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (JAAP50)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 841-3**Future Owner:** USDA**Facility Description:****Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 842-1**Future Owner:** USDA**Facility Description:** Pressing & Crimping House**Status:** Demolished**Acquisition Date:** 1941**Size:** 791 Square feet

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**Environmental Findings:****Asbestos**

Transite siding and walls.

Asbestos shingles on roof. (DISP18)

**Explosive Ordnance/Residue**

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (DISP18)

During February 1981 this building was disposed of by controlled burning. Precautions were taken to ensure by-products from controlled burn were not a problem. (HIST36)

TNT- Contaminated soil in the vicinity of outside catch box. Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (JAAP50)

**Other**

During February 1981, this building was disposed of by controlled burning. (HIST36)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 842-2**Future Owner:** USDA**Facility Description:** Pressing & Crimping House**Status:** Demolished**Acquisition Date:** 1941**Size:** 791 Square feet

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**Environmental Findings:****Asbestos**

Transite siding and walls.

Asbestos shingles on roof. (DISP18)

**Explosive Ordnance/Residue**

During February 1981 this building was disposed of by controlled burning. Precautions were taken to ensure by-products from controlled burn were not a problem. (HIST36)

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (DISP18)

TNT- Contaminated soil vicinity of outside catch box. Building deconned to XXX. (JAAP50)

**Other**

During February 1981, this building was disposed of by controlled burning. (HIST36)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 842-3**Future Owner:** USDA**Facility Description:** Pressing & Crimping House**Status:** Demolished**Acquisition Date:** 1941**Size:** 791 Square feet

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**Environmental Findings:****Asbestos**

Transite siding and walls.

Asbestos shingles on roof. (DISP18)

**Explosive Ordnance/Residue**

During February 1981 this building was disposed of by controlled burning. Precautions were taken to ensure by-products from controlled burn were not a problem. (HIST36)

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (DISP18)

TNT- Contaminated soil vicinity of outside catch box. Explosives were processed in this building.

The building was decontaminated to a XXX after shutdown but must be tested for residues. (JAAP50)

**Other**

During February 1981, this building was disposed of by controlled burning. (HIST36)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 842-4**Future Owner:** USDA**Facility Description:** Pressing & Crimping House**Status:** Demolished**Acquisition Date:** 1941**Size:** 791 Square feet

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**Environmental Findings:****Asbestos**

Transite siding and walls.

Asbestos shingles on roof. (DISP18)

**Explosive Ordnance/Residue**

This building was decontaminated by burning on February 28, 1977. (DISP18)

TNT- Contaminated soil vicinity of outside catch box. Explosives were processed in this building.

The building was decontaminated to a XXX after shutdown but must be tested for residues. (JAAP50)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 842-5**Future Owner:** USDA**Facility Description:** Pressing & Crimping House**Status:** Demolished**Acquisition Date:** 1941**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Transite siding and walls.

Asbestos shingles on roof. (DISP18)

**Explosive Ordnance/Residue**

This building was decontaminated by burning on February 18, 1977. (DISP18)

TNT- Contaminated soil vicinity of outside catch box. Explosives were processed in this building.

The building was decontaminated to a XXX after shutdown but must be tested for residues. (JAAP50)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** 843**Future Owner:** USDA**Facility Description:** Nailing House**Status:** Demolished**Acquisition Date:** 1941**Size:** 674 Square feet

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**Environmental Findings:****Asbestos**

Asbestos roofing (DISP17)

**Explosive Ordnance/Residue**

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (DISP17)

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (JAAP50)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** MS-117**Future Owner:** USDA**Facility Description:** Shed, Storage, Acetone**Status:** Demolished**Acquisition Date:** 1951**Size:** 11 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** MS-118**Future Owner:** USDA**Facility Description:** Shed, Storage, Acetone**Status:** Demolished**Acquisition Date:** 1951**Size:**

12 Square feet

**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** MS-119**Future Owner:** USDA**Facility Description:** Shed, Storage, Acetone**Status:** Demolished**Acquisition Date:** 1951**Size:** 11 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** MS-120**Future Owner:** USDA**Facility Description:** Shed, Storage, Acetone**Status:** Demolished**Acquisition Date:** 1951**Size:** 9 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** MS-121**Future Owner:** USDA**Facility Description:** Shed, Storage, Acetone**Status:** Demolished**Acquisition Date:** 1951**Size:** 9 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M99**Latitude:****Longitude:****Facility Number:** TS-1270**Future Owner:** USDA**Facility Description:** Storage Shelter**Status:** Unknown**Acquisition Date:** 1967**Size:** 106 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M100**Latitude:****Longitude:****Facility Number:** 412-2**Future Owner:** USDA**Facility Description:** River Pump House (North)**Status:** Unknown**Acquisition Date:** 1941**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Lab - portions of this building were used as labs. (KOWS01)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in August 1991. (BEST02)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M100**Latitude:****Longitude:****Facility Number:** 412-2-1**Future Owner:** USDA**Facility Description:** North Alum Treatment Plant**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 505-6**Future Owner:** USDA**Facility Description:** Sewage Disposal Plant**Status:** Unknown**Acquisition Date:** 1959**Size:** 220 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 505-6-1**Future Owner:** USDA**Facility Description:** Sewage Lift Station (Pit)**Status:** Unknown**Acquisition Date:** 1983**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> M102 | <b>Latitude:</b> 041:24:38.6 | <b>Longitude:</b> 088:08:05.2 |
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| <b>Facility Number:</b> 761-11 | <b>Future Owner:</b> USDA |
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| <b>Facility Description:</b> Recreation Building | <b>Status:</b> Unoccupied |
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| <b>Acquisition Date:</b> 1961 | <b>Size:</b> 352 Square feet |
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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Asbestos is not apparent at this building. (FIEL01)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

A lead paint test conducted on interior wall using "No Lead" test kit, yielded negative results.

This building has peeling paint on outside. The building was unlocked and open. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-1**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 3696 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 4.20 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-2**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2734 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 2.80 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-3**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2734 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 3.90 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-4**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2734 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 2.60 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-5**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2734 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 2.40 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-6**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2734 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 2.60 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-7**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2734 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 5.40 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-8**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2734 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 4.10 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-9**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2734 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 2.10 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-10**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2743 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 3.20 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-11**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2743 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 2.10 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-12**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 3212 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 2.40 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-13**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 3212 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 3.40 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in December 1993. (ATEC13)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-14**Future Owner:** USDA**Facility Description:** Residence w/ attached garage**Status:** Demolished**Acquisition Date:** 1941**Size:** 9636 Square feet

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**Environmental Findings:****Underground Storage Tanks**

One underground storage tank containing an unknown substance is located at this site. (AEST01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M102**Latitude:****Longitude:****Facility Number:** 1101-15**Future Owner:** USDA**Facility Description:** Residence with Attached Garage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2734 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 4.10 pCi/l.

Long term radon sampling - Sampling canister was in place for approximately one year. (RADO02)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 411-1-4**Future Owner:** USDA**Facility Description:** Well Water Pump Shelter**Status:** Unknown**Acquisition Date:** 1985**Size:** 65 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:** 041:22:43.2**Longitude:** 088:10:22.5**Facility Number:** 411-2**Future Owner:** USDA**Facility Description:** Well Water Pump House**Status:** Unknown**Acquisition Date:** 1941**Size:** 346 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

The building was under construction and there were no apparent environmental concerns. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 411-2-1**Future Owner:** USDA**Facility Description:****Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 411-2-2**Future Owner:** USDA**Facility Description:****Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 411-2-3**Future Owner:** USDA**Facility Description:** Well Water Pump Shelter**Status:** Unknown**Acquisition Date:** 1963**Size:** 106 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-9**Future Owner:** USDA**Facility Description:** Sewer, Storm**Status:** Unknown**Acquisition Date:** 1975**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-10**Future Owner:** USDA**Facility Description:** Station, Sewage Ejector**Status:** Unknown**Acquisition Date:** 1974**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-11**Future Owner:** USDA**Facility Description:** Station, Sewage Ejector**Status:** Unknown**Acquisition Date:** 1974**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-12**Future Owner:** USDA**Facility Description:** Sewage Treatment**Status:** Unknown**Acquisition Date:** 1983**Size:** 85305 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

Chemical present: 1 liter of sulfuric acid. A 55 gallon drum, 3/4 full of watery ice on top, may be oil residue present. Contents below ice unknown. Located 25 feet from building. Obvious stressed vegetation present around drum. (FIEL01)

**PCBs**

A large transformer labeled "non-PCB" located 4 feet north of building. (FIEL01)

**Underground Storage Tanks**

One 560 gallon underground storage tank containing diesel and one 3,000 gallon tank containing fuel oil are located at this site. (ACOE02)

**Other**

Building is cinder block construction. Interior is messy with water on floor. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-13**Future Owner:** USDA**Facility Description:** Sewage, Oxidation Ditches (2 E**Status:** Unknown**Acquisition Date:** 1983**Size:** 48840 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-14**Future Owner:** USDA**Facility Description:** Sewage, Tank Settling #1**Status:** Unknown**Acquisition Date:** 1983**Size:** 10000 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-15**Future Owner:** USDA**Facility Description:** Sewage, Tank, Settling #2**Status:** Unknown**Acquisition Date:** 1983**Size:** 1250 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-16**Future Owner:** USDA**Facility Description:** Sewage, Chlorine Contact & Bac**Status:** Unknown**Acquisition Date:** 1983**Size:** 2026 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-17**Future Owner:** USDA**Facility Description:** Sewage, Flow Splitter**Status:** Unknown**Acquisition Date:** 1983**Size:** 1248 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-18**Future Owner:** USDA**Facility Description:** Sewage, Final Sludge Sump**Status:** Unknown**Acquisition Date:** 1983**Size:** 1760 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 505-19**Future Owner:** USDA**Facility Description:** Sewage, Tank, Sludge Holding**Status:** Unknown**Acquisition Date:** 1983**Size:** 3136 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 605-3-8**Future Owner:** USDA**Facility Description:** Sentry Box**Status:** Unoccupied**Acquisition Date:** 1942**Size:** 80 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:** 041:23:28.4**Longitude:** 088:10:01.3**Facility Number:** 706-11**Future Owner:** USDA**Facility Description:** Laboratory, General Purpose**Status:** Unknown**Acquisition Date:** 1972**Size:** 51 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

There are no apparent environmental concerns in this building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 706-13**Future Owner:** USDA**Facility Description:** Laboratory, General Purpose**Status:** Unknown**Acquisition Date:** 1972**Size:** 51 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 706-14**Future Owner:** USDA**Facility Description:** Laboratory, General Purpose**Status:** Unoccupied**Acquisition Date:** 1972**Size:** 51 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 706-15**Future Owner:** USDA**Facility Description:** Laboratory, General Purpose**Status:** Unknown**Acquisition Date:** 1972**Size:** 51 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 706-16**Future Owner:** USDA**Facility Description:** Laboratory, General Purpose**Status:** Unknown**Acquisition Date:** 1972**Size:** 51 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 709-2**Future Owner:** USDA**Facility Description:** Forest Fire Station No. 2**Status:** Demolished**Acquisition Date:** 1941**Size:** 476 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 739**Future Owner:** USDA**Facility Description:****Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 739-1**Future Owner:** USDA**Facility Description:** Acid Resistant Putty Building**Status:** Unknown**Acquisition Date:** 1953**Size:** 336 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Red Asbestos Putty, containing White Lead w/ Linseed Oil; Red Lead; Barytes (Barium Sulphate); White Asbestos Fiber (36L Grade); and Raw Linseed Oil, and Blue African Asbestos Putty, containing China Clay; White Asbestos Powder 25 PM; Raw Linseed Oil; and Blue African Asbestos Oil, were present in this building. (USOP23)

**Explosive Ordnance/Residue**

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** 814**Future Owner:** USDA**Facility Description:** Factory & Shook Storage**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 95268 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

The following materials were observed in this building: 160-100 lb bags of dense soda ash; 1725 25 gallon metal drums, 1/2 marked "oleum catalyst," 1/2 "SAR catalyst" (signs stating "warning, oxides of sulfur may be present" found with those drums); 42-25 gallon fiber containers labeled "Barium Carbinat"; 7-55 gallon drums of unknown material; 2-55 gallon drums waste oil.

(FAXX01)

A suitable amount of lime was stored on pallets to be used to neutralize acid spills. Dry soda ash was also stored here. (UCCI01)

**Explosive Ordnance/Residue**

Fiber drums were used for DNT packaging with returned used drums being utilized when available. (HIST46)

All TNT production was packed in F.T.C. fiber boxes during the period July 1, 1954 thru December 31, 1954 with used lids and bottoms supplying most of the packaging. Returned used fiber drums furnished twenty-eight percent of DNT packaging requirements. Returns of used boxes from other Ordnance installations improved greatly. (HIST48)

In April 1996, this building evidenced gross contamination of what appears to be Activated Carbon Powder. The powder is spilled on the facility and presents a potential flammable, explosion and irritant hazard. Also present in the facility are hundreds of drums storing various labeled and unlabeled chemicals and catalyst compounds. (BEST10)

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).



## Other

Box reconditioning, representing an appreciable supplement to the factory's output, was originally carried out in a building removed from the factory proper. Since this building was not suitable for tenancy in inclement weather, a new building, adjoining the box factory, was erected to house the reconditioning operation. (HIST40)

Argonne National Laboratories cancelled the 3 year Permit No. DA-11-032-ENG-7188 to cover the use of storage space in the Box Factory Building. As of December 14, 1960, all machinery and equipment there had either been shipped to Argonne or moved to Building 713, under permit NO.

DA-11-032-ENG-7028. (HIST26)

In November 1959 approximately 25,000 square feet of floor area in this building, together with truck docks and rail facilities adjoining the building, were made available to Argonne National Laboratory in accordance with three year Permit No. DA-11-032-ENG-7188 issued to Atomic Energy Commission under date of November 20, 1959. (HIST24)

The production of new boxes was greatly reduced during April 1 to June 30, 1943 because of an increased rate of return of used boxes from the loading plants as shown in Table 4. 515,944 returned boxes were reconditioned for reuse. (HIST38)

Historic documentation indicates that a gas station, pump, and a 1,000 gallon tank were located on the south side of this building. (KOWS01)

Atomic bomb components were stored in this building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** TS-1242**Future Owner:** USDA**Facility Description:** Hut, Quonset**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Explosive Ordnance/Residue**

Buildings which were not contaminated with explosives are considered to be in 0 condition.

(UCCI04)

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M105**Latitude:****Longitude:****Facility Number:** TS-1243**Future Owner:** USDA**Facility Description:** Hut, Quonset**Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Explosive Ordnance/Residue**

Buildings which were not contaminated with explosives are considered to be in 0 condition.

(UCCI04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M106**Latitude:****Longitude:****Facility Number:** 411-3**Future Owner:** USDA**Facility Description:** Well Water Pump House**Status:** Unknown**Acquisition Date:** 1969**Size:** 193 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M106**Latitude:****Longitude:****Facility Number:** 411-3-1**Future Owner:** USDA**Facility Description:** Well Water Pump Shelter**Status:** Unknown**Acquisition Date:** 1957**Size:** 346 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 8-30B**Future Owner:** USDA**Facility Description:** Latrine (near 718-2)**Status:** Unknown**Acquisition Date:** 19**Size:** 0 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:22:13.6**Longitude:** 088:08:40.5**Facility Number:** 411-5**Future Owner:** USDA**Facility Description:** Well Water Pump House**Status:** Unknown**Acquisition Date:** 1968**Size:** 106 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

The exterior of the building is in good condition. (FIEL01)

**Other**

There were bags of Bentonite hole plug stored inside the building. These were used for well abandonment. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 411-5-1**Future Owner:** USDA**Facility Description:** Well Water Pump Shelter**Status:** Demolished**Acquisition Date:** 1941**Size:** 64 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 704-14**Future Owner:** USDA**Facility Description:** Supervisor's Office**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 992 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Paint inside this building is peeling but the exterior paint is in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:21:58.0**Longitude:** 088:08:41.9**Facility Number:** 704-23**Future Owner:** USDA**Facility Description:** Truck Inspector's Office**Status:** Unknown**Acquisition Date:** 1968**Size:** 576 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Chemicals/Containers**

A 1-gallon can of Plastic cement was present in the building. (FIEL01)

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

The outside of the building was in good condition but the paint was peeling inside. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:22:48.1**Longitude:** 088:08:38.6**Facility Number:** 707-13**Future Owner:** USDA**Facility Description:** Change house**Status:** Unoccupied**Acquisition Date:** 1941**Size:** 2826 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

The paint was peeling extensively inside the building but the exterior paint was in fair condition. (FIEL01)

**Underground Storage Tanks**

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in September 1991. (BEST02)

**Other**

The boiler room of this building could not be accessed. The building was probably heated with fuel oil. No tank was seen at this building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:21:53.9**Longitude:** 088:08:40.8**Facility Number:** 714-2**Future Owner:** USDA**Facility Description:** Storage Buildings - Tools**Status:** Unknown**Acquisition Date:** 1967**Size:** 772 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

The paint is in good condition. (FIEL01)

**Other**

Miscellaneous innocuous equipment were present inside of metal shed at the building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|---|------------------------------|-------------------------------|
| <b>Facility Location:</b> M108                | <b>Latitude:</b> 041:22:35.8 | <b>Longitude:</b> 088:08:52.9 |
| <b>Facility Number:</b> 718-2                 | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Locomotive House | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                 | <b>Size:</b>                 | 488 Square feet               |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

The building is transite. (FIEL01)

This building is constructed with cement- asbestos (transite) siding and roofing. (UCCI28)

**Aboveground Storage Tanks**

No vent/fill pipe was observed but the building was heated with fuel oil. (FIEL01)

**Chemicals/Containers**

It is unknown if any pesticide chemicals were ever used in this building. (UCCI28)

**Explosive Ordnance/Residue**

A sign on the building indicates "xxx". Bob Zerboglio stated that, Dinky cars that used to transport explosives in the production area were stored in this building. (FIEL01)

Explosives were processed in this building. The building was decontaminated to a XXX after shutdown but must be tested for residues. (UCCI04)

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

There is a possibility of trace amounts of residual explosives contamination. This building was decontaminated to XXX condition and laidaway on July 20, 1976. (UCCI28)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.  
The floor of the building was peeling. (FIEL01)

Exterior and interior paint may contain lead. (UCCI28)

**PCBs**

A small amount of soil is present in the drain in the "grease pit." A sample was field screened (12/19/95) and was found to have between 1.1 and 4 ppm PCBs. PCBs may have been used for the locomotives. (FIEL01)

**Sump/Septic/Dry Wells**

A grease pit for working under trains is present with a drain at the base. The pit could connect to a septic field via one of the 4 pipes observed in the drain. A latrine is located immediately east

of building. Indoor plumbing was retrofitted inside the building.

(FIEL01)

**Underground Storage Tanks**

No vent/fill pipe was observed but the building was heated with fuel oil. (FIEL01)

Two 8,000 gallon underground storage tanks containing diesel were removed from this site in December 1990. (BRAN01)

One 1,000 gallon underground storage tank containing fuel oil was removed from this site in March 1994. (ATEC05)

One underground storage tank remains in place on the east side of this building. Tank size is 3 feet deep by 8 feet long, or approximately 400 gallons. (UCCI28)

**Other**

No possible outfall from the building to the adjacent creek was found. The bank is stabilized with building debris (concrete slabs). (FIEL01)

No signs of distressed vegetation were found around this building. There was no notation of contamination at this site. (UCCI28)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 722-14**Future Owner:** USDA**Facility Description:** Carpenter Shop**Status:** Unoccupied**Acquisition Date:** 1953**Size:** 529 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-1**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked due to ATF Lease. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Lessee: Department of Treasury

Lease Number: DACA-27-4-82-04

Effective Dates: 06-01-82 to 05-31-87 (ACOE04)

Not surveyed because of high security locks on doors. It was said that ATF had control of building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M108                     | <b>Latitude:</b> 041:22:25.3 | <b>Longitude:</b> 088:09:52.3 |
| <b>Facility Number:</b> 811-2                      | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 29840 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked due to ATF Lease. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**PCBs**

There were two electrical switches in front of igloo. (FIEL01)

**Other**

This igloo was used by Alcohol Tobacco and Fire arms (ATF) units and was locked so we could not enter. (FIEL01)

Lessee: Department of Treasury

Lease Number: DACA-27-4-82-04

Effective Dates: 06-01-82 to 05-31-87 (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                           |                   |
|--|---------------------------|-------------------|
| <b>Facility Location:</b> M108                     | <b>Latitude:</b>          | <b>Longitude:</b> |
| <b>Facility Number:</b> 811-3                      | <b>Future Owner:</b> USDA |                   |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown    |                   |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>              | 29840 Square feet |

**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked due to ATF Lease. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Lessee: Department of Treasury

Lease Number: DACA-27-4-82-04

Effective Dates: 06-01-82 to 05-31-87 (ACOE04)

Not surveyed because of high security locks on doors. It was said that ATF had control of building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-4**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked due to ATF Lease. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

Lessee: Department of Treasury

Lease Number: DACA-27-4-82-04

Effective Dates: 06-01-82 to 05-31-87 (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:22:10.8**Longitude:** 088:89:52.3**Facility Number:** 811-5**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 1.80 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

This building is a poured concrete structured. There are no environmental concerns associated with this building. (FIEL01)

Lessee: Department of Treasury

Lease Number: DACA-27-4-82-04

Effective Dates: 06-01-82 to 05-31-87 (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M108                     | <b>Latitude:</b> 041:22: 6.2 | <b>Longitude:</b> 088:09:53.5 |
| <b>Facility Number:</b> 811-6                      | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 29840 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 11.30 pCi/l.

Short term radon sampling - Sampling canister was in place for approximately one week. (FIEL01)

**Other**

This building is a poured concrete construction. There are no environmental concerns associated with this building. (FIEL01)

Lessee: Department of Treasury

Lease Number: DACA-27-4-82-04

Effective Dates: 06-01-82 to 05-31-87 (ACOE04)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:**

**Facility Number,** 811-7, 811-9, 811-17 thru 811-24, 811-31 thru 811-38, 811-62 thru 811-67, 811-75 thru 811-82, 811-92 thru 811-97, 811-104 thru 811-111, 811-119 thru 811-121, 811-126 thru 811-127

**Future Owner:** USDA**Facility Description:** Magazines - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX.. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-8**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 27975 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

Trucks and trailers requiring decontamination prior to service were brought to this building for cleaning. The cleaning involved sweeping the equipment to remove all visible explosive particles. The sweepings were placed in scrap powder containers. (UCCI42)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-10**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Radon**

Radon was detected at 1.30 pCi/l.  
Tested by Plexus. #1034 (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:22:23.3**Longitude:** 088:09:31.6**Facility Number:** 811-46**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 26110 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Only the door of this igloo is painted. The overall condition of the paint is good. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:22:19.1**Longitude:** 088:09:31.8**Facility Number:** 811-47**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 26110 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Only the door of this igloo is painted. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M108                     | <b>Latitude:</b> 041:22:14.1 | <b>Longitude:</b> 088:09:31.8 |
| <b>Facility Number:</b> 811-48                     | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 26110 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Only the door of this igloo is painted. The overall condition of the paint is good. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:22:09.1**Longitude:** 088:09:34.2**Facility Number:** 811-49**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 26110 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Only the door of this igloo is painted. The overall condition of the paint is good. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M108                     | <b>Latitude:</b> 041:22:03.8 | <b>Longitude:</b> 088:09:34.9 |
| <b>Facility Number:</b> 811-50                     | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 26110 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Only the door of this igloo is painted. The paint is peeling and flaking. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:22:01.1**Longitude:** 088:09:31.6**Facility Number:** 811-51**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 26110 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Only the door of this igloo was painted. The overall condition of the paint is good. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M108                     | <b>Latitude:</b> 041:21:55.6 | <b>Longitude:</b> 088:09:33.6 |
| <b>Facility Number:</b> 811-52                     | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 26110 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Only the door of this igloo was painted. The overall condition of the paint is good. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M108                     | <b>Latitude:</b> 041:21:50.0 | <b>Longitude:</b> 088:09:35.8 |
| <b>Facility Number:</b> 811-53                     | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 26110 Square feet             |

**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Only the door of this igloo was painted. The overall condition of the paint is good. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-60**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 27975 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-61**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 27975 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained equipment. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-90**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 26110 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-91**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 26110 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained dunnage. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-98**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 26110 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained equipment. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-112**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 27975 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it was locked (Master Lock). (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-113**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 27975 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 811-122**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 7460 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained dunnage. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

**Other**

This building contains lumber. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:22:02.1**Longitude:** 088:09:06.2**Facility Number:** 811-123**Future Owner:** USDA**Facility Description:** Loading Dock - Explosive**Status:** Unknown**Acquisition Date:** 1941**Size:** 5595 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

There was transite around the loading area. (FIEL01)

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained conveyors. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

The paint is peeling inside this building. (FIEL01)

**PCBs**

There are 4 oil filled electrical switches on this building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:** 041:21:59.3**Longitude:** 088:09:03.3**Facility Number:** 811-124**Future Owner:** USDA**Facility Description:** Loading Dock - Explosive**Status:** Unknown**Acquisition Date:** 1941**Size:** 5595 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

There was transite around the loading areas of the building. (FIEL01)

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Explosives processed in building to XXX after shutdown but must be tested for residues. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained conveyors. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

The paint was peeling inside the building. (FIEL01)

**PCBs**

There were 4 oil filled electrical switch boxes on the building. Soil beneath switch boxes was field tested for PCBs 12/11/95. PCBs were present between 0.5 and 1 ppm. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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| <b>Facility Location:</b> M108                        | <b>Latitude:</b> 041:21:53.6 | <b>Longitude:</b> 088:09:04.2 |
| <b>Facility Number:</b> 811-125                       | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Loading Dock - Explosive | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                         | <b>Size:</b>                 | 5595 Square feet              |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Transite was present around the loading areas of the building. The transite is in good overall condition. (FIEL01)

Friable asbestos in good condition is suspected on the insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Explosives processed in building to XXX after shutdown but must be tested for residues. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained conveyors. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was peeling inside the building. (FIEL01)

**PCBs**

There are 4 oil-filled electrical switches on this building and 10 square feet of stained soiled. An oil-filled electrical switch labeled "Starter conveyor motor 230 V" was sampled (12/14/95) and had less than 50 parts per million PCBs. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M108**Latitude:****Longitude:****Facility Number:** 1011-1 through 1101-5**Future Owner:** USDA**Facility Description:** Overnight Storage Barricades**Status:** Unknown**Acquisition Date:** 1941**Size:** 28 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M110**Latitude:****Longitude:****Facility Number:** 411-11**Future Owner:** USDA**Facility Description:** Well Water Pump House**Status:** Unknown**Acquisition Date:** 1941**Size:** 200 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M110**Latitude:****Longitude:****Facility Number:** 411-11-1**Future Owner:** USDA**Facility Description:** Well Water Pump Shelter**Status:** Unknown**Acquisition Date:** 1941**Size:** 64 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M110**Latitude:****Longitude:****Facility Number:** 411-12**Future Owner:** USDA**Facility Description:** Well Water Pump House**Status:** Unknown**Acquisition Date:** 1941**Size:** 193 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M110**Latitude:****Longitude:****Facility Number:** 411-13**Future Owner:** USDA**Facility Description:** House, Pump & Booster**Status:** Unknown**Acquisition Date:** 1975**Size:** 192 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:****Longitude:****Facility Number:** 704-12**Future Owner:** USDA**Facility Description:** Yardmaster's Office**Status:** Unknown**Acquisition Date:** 1941**Size:** 481 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Explosive Ordnance/Residue**

This building is considered to be in 0 condition. It was not contaminated with explosives. (UCCI04)

A 1982 energy analysis does not indicate explosive hazards in this building. (ENEA02)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Both the interior and the exterior of the building are painted and are in good condition. (FIEL01)

**Sump/Septic/Dry Wells**

There is the possibility of a septic tank in this building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:****Longitude:****Facility Number:** 704-22**Future Owner:** USDA**Facility Description:****Status:** Demolished**Acquisition Date:** 19**Size:** 0 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:****Longitude:****Facility Number:** 709-3**Future Owner:** USDA**Facility Description:** Forest Fire Station No. 3**Status:** Demolished**Acquisition Date:** 1941**Size:** 476 Square feet**Environmental Findings:**

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:****Longitude:**

**Facility Number,** 811-11, 811-16, 811-25 thru 811-30, 811-40 thru 811-45, 811-68 thru 811-69, 811-71 thru 811-74, 811-84 thru 811-89, 811-99 thru 811-103, 811-128 thru 811-132

**Future Owner:** USDA**Facility Description:** Magazines - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet**Environmental findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos. Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX.. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead-based paint is present. (JAAP10)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:****Longitude:****Facility Number:** 811-12**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:****Longitude:****Facility Number:** 811-13**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained carts and dockplates. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:****Longitude:****Facility Number:** 811-14**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:****Longitude:****Facility Number:** 811-15**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was not reclassified because it contained equipment and material. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:****Longitude:****Facility Number:** 811-16**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 29840 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey.

This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M111                     | <b>Latitude:</b> 041:21:39.4 | <b>Longitude:</b> 088:09:36.5 |
| <b>Facility Number:</b> 811-54                     | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 26110 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Paint is in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M111                     | <b>Latitude:</b> 041:21:35.2 | <b>Longitude:</b> 088:09:37.4 |
| <b>Facility Number:</b> 811-55                     | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 26110 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Only the door of this building is painted. The paint is in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:** 041:21:30.8**Longitude:** 088:09:38.6**Facility Number:** 811-56**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 26110 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Only the door of this building was painted. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M111**Latitude:** 041:21:25.5**Longitude:** 088:09:39.3**Facility Number:** 811-57**Future Owner:** USDA**Facility Description:** Magazine - Explosives**Status:** Unknown**Acquisition Date:** 1941**Size:** 26110 Square feet**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Paint in good condition was present on the door of the building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M111                     | <b>Latitude:</b> 041:21:21.3 | <b>Longitude:</b> 088:09:40.0 |
| <b>Facility Number:</b> 811-58                     | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 26110 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified O. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Paint is in good condition. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M111                     | <b>Latitude:</b> 041:21:16.5 | <b>Longitude:</b> 088:09:40.7 |
| <b>Facility Number:</b> 811-59                     | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 26110 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was present on the door of the building. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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|  |                              |                               |
|--|------------------------------|-------------------------------|
| <b>Facility Location:</b> M111                     | <b>Latitude:</b> 041:21:31.8 | <b>Longitude:</b> 088:09:33.7 |
| <b>Facility Number:</b> 811-70                     | <b>Future Owner:</b> USDA    |                               |
| <b>Facility Description:</b> Magazine - Explosives | <b>Status:</b> Unknown       |                               |
| <b>Acquisition Date:</b> 1941                      | <b>Size:</b>                 | 27975 Square feet             |

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

Insulation in Igloo door. (UCCI04)

**Explosive Ordnance/Residue**

Used for explosive storage; deconned to XXX. (UCCI04)

The Safety Office of the US Army Industrial Operations Command conducted inspections during the summer of 1996 to reclassify explosive condition of storage magazines. This building was reclassified 0. (DOTA27)

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978. Further investigation would be required to determine if lead based paint is present (JAAP10).

Paint was found to be in Good condition.

Lead based paint on door. (FIEL01)

**Other**

No apparent environmental concerns. This is a poured concrete construction. (FIEL01)

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**JOLIET ARMY AMMUNITION PLANT FACILITY PROFILE**

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**Facility Location:** M112**Latitude:****Longitude:****Facility Number:** 814-1**Future Owner:** USDA**Facility Description:** Sawdust Receiving House**Status:** Unknown**Acquisition Date:** 1941**Size:** 151 Square feet

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**Environmental Findings:****Asbestos**

Detailed information on the presence/absence of asbestos, location, condition and quantity can be obtained from the Professional Service Industries, Inc. (1993) base-wide asbestos survey. This document is maintained at the JOAAP administration building. Liquidation of personal property at JOAAP includes removal of friable asbestos.

**Lead-Based Paint**

This facility was built prior to the Department of Defense ban on the use of lead-based paint in 1978.

Further investigation would be required to determine if lead based paint is present (JAAP10).

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## APPENDIX D

### INSTALLATION RESTORATION PROGRAM SITE HISTORIES

Some additional information on these sites may be contained in Appendix B

APPENDIX D  
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## L1 GROUP 61

L1 is an 80 acre area located in the northern and central portion of the LAP Area. The group was mainly used for the demilitarization and reclamation of various munitions, including defusing, removal of explosives and recycling of the casings (DAMO22).

The group began operations in 1942. It was originally used for crystallizing ammonium nitrate (ACOE06). The production of ammonium nitrate commenced in 1942 and involved the graining of neutral liquor. The liquor was put into a 90,000 gallon storage tank where the water was removed to render ammonium nitrate crystals. An ammonium nitrate crushing and screening plant consisting of two buildings removed from Group 61 was also constructed to process material that was too hard to be utilized in the load lines without further processing. Crushing and screening operations commenced in 1942 (HIST18). Between 1952 and 1957, five 95,000 gallon ammonia tanks were removed from building 61-2 (JAAP08).

The facility was then extensively modified to function as a shell renovation and TNT recovery plant until it was placed in standby status in 1945. In April 1946, the facility was reactivated to reclaim TNT from 75 mm, 90 mm and 3-inch HE shells (DAMO22, ACOE06). Washout operations involving the larger munitions were performed outside Building 61-4 on a concrete pad. The removed explosives were recycled as part of JAAP operations. Washwater was routed to a concrete sump. Solids settling in the sump were sent to the Explosive Burning Grounds (L2), while the overflow from the sump (pink water) was discharged to an adjacent 8-acre ridge-and-furrow system (evaporating bed) (DAMO22).

Historic aerial photos revealed that by 1952 two rectangular pits or lagoons were constructed southeast of the ridge-and-furrow system on either side of the drainage ditch. Overflow from the drainage ditch accumulated in the lagoons. The lagoons are no longer identifiable. Ponding also apparently occurred in a low area east of the sump and

washout area. During the 1990 site reconnaissance, red-colored water was observed in the washout sump (located southeast of Building 61-4). The water (presumably rainwater) probably contained residual contamination from the sump. Red soil was observed around the drainage ditch and evaporating bed, which are fenced to keep out cattle. Two transformers removed in August 1990 from an area east of Building 61-4 were suspected to have leaked oil containing PCBs onto site soil. The spill was subsequently cleaned up (DAMO22).

A field survey of Group 61 was conducted in September 1996 as part of the PAS process. Building 61-4 contained facilities for washing activities (i.e. extensive piping, drainages, and related structures) which supports historic documents indicating that washout/steamout occurred here. Also observed in building 61-4 were coring holes from sampling through the concrete slab which had been left open. An open top concrete "moat" drains the inside of the building and concrete pad on the east side. The moat leads to 61-35; little or no sediment was noted in the moat. The drainage was carried in an open top flume from sump building 61-35. This structure (61-35) consisted of a deep partitioned sump with baffling that may function to capture sediments. A three inch (75 mm) diameter projectile casing without nose cone was found in the northwest corner of building 61-35. The casing was removed by UXO personnel of ETSC who indicated that the shell was empty. Building 61-35 is surrounded by red soils which may indicate explosive residues (FIEL01).

During the PAS survey it was noted that Building 61-3 possesses massive concrete blast protected work stations with 3 foot thick concrete walls. Sealed behind wall board are numerous soil filled boxes for 105 mm rounds each (no munitions were observed). These boxes were observed in places where wall board had been torn away. Some of the boxes had been opened showing a dry soil material. These boxes are within walls that may surround columns and also are present in a wall that partitions the easternmost room from the rest of the building. Outside the southwest corner of the building is a 2-bay blast protected work station on the edge of an impoundment area. The impoundment area of

about 1/2 acre without vegetation. The impoundment could have collected residues from operations in nearby buildings. An oil filled electrical switch box was observed in building 61-38 (FIEL01).

Building 61-1 was not surveyed for the PAS since it is in used by the FBI for storage. The perimeter of the building, an AST, and four large concrete boxes in contact with the south wall were observed. The concrete boxes (about 4 by 4 feet) protruded above the ground about 3.5 feet and appeared to have received pipes coming out of the south wall above the boxes. Sawed off stubs entering the tops of the boxes at a 45 degree angle were observed to be directly in line with pipes stubs coming out of the wall. There were remnants of what appears to be a former coal pile between buildings 61-1 and 61-9. Building 61-2 contained floor drains, a sump on the south side of building, vehicles and related materials which including auto maintenance supplies. The other structures in the group were empty. The walls of the 61 group buildings are mainly masonry and some have massive concrete structures (i.e. the blast shielding) (FIEL01).

Total carcinogenic risks and non-carcinogenic hazards via exposure to soil exceeded the criteria for all the potentially exposed populations considered under likely future uses of the property. The chemicals that contribute the greatest portion of the carcinogenic risk were 2,4,6-TNT for most of the receptor populations and PCBs for construction workers. Hazard index exceedances (non-carcinogenic risks) were primarily due to 2,4,6-TNT and cadmium. Total carcinogenic risks due to residential exposure to groundwater exceeded the criterion, mainly due to 2,4,6-TNT. The hazard index also exceeded the hazard criterion, primarily due to 1,3,5-trinitrobenzene (DAMO23).

Based on environmental data from the 1991 Phase 1 RI and several previous investigations, the following site-related contaminants were identified for each medium at Site L1 (DAMO25):

- Soil: 1,3,5-trinitrobenzene, 2,4,6-TNT, 2,4-DNT, HMX, RDX, PCB 1260, cadmium, calcium, lead, and zinc.
- Groundwater: 1,3,5-trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, 1,3-DNB, tetryl, RDX, HMX, and water-soluble nitrate/nitrite.
- Surface water: 1,3,5-trinitrobenzene, 2,4,6-TNT, 2-nitrotoluene, HMX, RDX, water-soluble nitrate/nitrite, lead, aluminum, and iron.
- Sediment: 1,3,5-trinitrobenzene, 2,4,6-TNT, fluoranthene, phenanthrene, pyrene, petroleum hydrocarbons, cadmium, chromium, cobalt, iron, lead, manganese, and zinc.

Analyses of the media at Site L1 revealed concentrations of PCBs, explosives, and heavy metals. Concentrations of total explosives in the soils or evaporating bed did not exceed two percent so were not considered to be reactive. Based upon previous analyses, it is possible that surface soils near the Washout building and the Washout pad could exceed the RCRA TCLP level for lead. Additional sampling was proposed for waste classification. In addition, sampling was proposed to investigate the potential for contamination beneath the washout building floor, soils in the vicinity of the sump, along a tile lined wastewater ditch, and in the vicinity of converted rail cars used as ASTs near Buildings 61-1 and 61-2 (DAMO25)

This was one of six study sites in the Ecological Risk Assessment conducted by AEHA (now CHPPM) in 1994. This assessment involved evaluation of plants grown in site soils, earthworm toxicity, Microtox testing, and rodent evaluations. Some effects on plant growth were noted as were some lethal effects on earthworms. The Microtox tests showed the soils to be relatively non-toxic. No statistical differences were found between heavy metal levels in mice collected at JAAP and those in the control group. RDX was detected at 0.550 µg/g in the tissues of one of ten mice collected at Group 61 (AEHA10).

A plume of contamination (explosives) was identified in the shallow groundwater at this tract, migrating off-site south across Site L34 towards Prairie Creek (DAMO08). Based



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upon the lack of any current risk to human health and the lack of risk under likely future use scenarios, the FS recommended that no remedial action be taken for groundwater (DAMO22).

## L2 EXPLOSIVE BURNING GROUND

The Explosive Burning Grounds study area is located in the west-central portion of the LAP Area, adjacent to Prairie Creek and Kemery Lake. The facility was built early in the development of JAAP. The area originally consisted of the following: a destruction pit (23-16), a lead azide bag incinerator (23-17), a pit for destruction of rejected detonators (23-18), a spiral barricade (23-19), a switch control house (23-20), and an office (23-21) (SPED01).

The portion of the area previously used in disposal operations covers approximately 5 acres and consists of six gravel burning pads, three oil disposal pits adjacent to the burning pads, a runoff gully, a triangular bermed area, and popping furnaces. The burning pads are each approximately 1,000 feet long and were used to burn explosives and explosives waste from Groups 1, 2, 3, 3A and 61 (Sites L7 to L10 and L1, respectively) between 1965 and 1977. Electric igniters were used to initiate the burns from a remote location (DAMO11, DAMO25). Spent carbon from the treatment of wastewater in the TNT/Composition B melt-load process was also incinerated on the burning pads (DAMO11, AEHA09). An SOP for cleaning of the burning pads indicates that the residue following a burn should be collected in boxes and be transferred to the inert burning pit at the burning grounds and dumped (USOP24, USOP28). When explosive sludge being transported to the burning ground spilled in a truck, the truck was washed out at the burning ground hydrant (USOP28).

The oil pits were used for the disposal of unspecified spent solvents and occasionally, for burning of used oil. The pits contain oily sludges (DAMO25). A removal action is currently underway at the oil pits. Completion of the oil pit removal action is expected in late 1996. Several thousand munitions components have been recovered during this action.

The triangular bermed area located just south of the burning pads may have also been used for burning. Three popping furnaces, where small ammunition was detonated, were located at the southwest corner of the site. Metal recovered from the popping furnaces was sent to the Salvage Yard (L5) (DAMO11). Ovens used for equipment decontamination are located in the southwest portion of the burning grounds (BICO01).

In late 1969, all combustible non-contaminated waste was sent to the munitions Burning Grounds on a trial basis. After the trial, it was recommended that non-contaminated waste burning at the Explosives Flashing Ground be eliminated and the waste be burned at the Munitions Burning Grounds until the proposed landfill was operational (UCCI62, UCCI63, UCCI65).

In 1970, the average monthly quantity of propellants and explosives disposed of at the burning ground was (MEMO17, MEMO18):

|                    |               |
|--------------------|---------------|
| TNT scrap          | 33,675 pounds |
| Propellant charges | 256           |
| Composition B      | 38,860 pounds |
| Cyclotol scrap     | 7,950 pounds  |
| M9 powder          | 46 pounds     |
| M2 Powder          | 30 pounds     |
| PBX                | 8 pounds      |

M9 and M2 powder both contain nitrocellulose, nitroglycerin, ethyl centralite (diethyl diphenyl urea), potassium nitrate, and graphite glaze. In addition, M2 also contains graphite and barium nitrate (MEMO17).

A summary of monthly burning ground activities during 1969 and 1970 indicates that a variety of other wastes including Composition A scrap, Compound A-5, RDX pellets, Cyclotol scrap, tetryl, and a variety of munitions components and munitions were burned (UCCI68). It is not clear if these summaries were for L2 exclusively or for all burning operations at JOAAP.

Site drainage features include two ditches that flow from the northern portion of the burning pads to Kemery Lake, and a gully at the southwestern corner of the site that receives runoff from the popping furnace area and the southern portions of the site (DAMO11).

During the Phase I RI, limited ordnance clearance was conducted at L2. During the clearance, various fuze components and three 40-millimeter (mm) grenades were found and removed (DAMO11).

This was one of six study sites in the Ecological Risk Assessment. This assessment involved evaluation plants grown in site soils, earthworm toxicity, Microtox testing, and rodent evaluations. The soils for these tests were collected from the burn pads. Soils from the central portion of the pads showed highly toxic effects. Radiating out from the center toxicity levels decreased. Effects noted were reductions in plant heights, earthworm weights, and Microtox EC50s. No statistical differences were found between heavy metal levels in mice collected at JAAP and those in the control group. No explosives were detected in the tissues of the 17 mice collected at the Burning Grounds (AEHA10).

The human health risk assessment conducted in 1995. The risk assessment divided the site among the burning pad, the popping furnace and the oil pit for evaluation purposes. Total risks and hazards calculated for exposure to soil were exceeded at the burning pad and the oil pits for future industrial workers, mainly due to TNT at the burning pad and PCBs and heptachlor epoxide at the oil pits. The Baseline Human Health Risk Assessment states that some chemical exposures are above the risk criteria for some populations. For future residents, total risks and hazards were exceeded at all three areas. For construction workers, risks were exceeded at all three areas and hazards were exceeded only at the burning pad and the oil pits. Future residential exposure risks and

hazards were exceeded for two identified groundwater plumes at the Burning Ground mainly due to RDX and 1,2 -dichlorethane contamination (DAMO23).

Based on environmental data from the Phase 2 RI and previous field investigations, the following site-related contaminants were identified at Site L2 (DAMO25):

Soil:

- Burning pads: 1,3-DNB, 1,3,5-trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, HMX, RDX, tetryl, nitrobenzene, and lead.
- Burning pad perimeter areas: 2,4,6-TNT, 2-nitrotoluene, nitrobenzene, tetryl, HMX, and RDX.
- Popping furnaces: cadmium, copper, lead, and silver.
- Northern oil pit: 2-nitrotoluene, acetone, benzene, ethylbenzene, toluene, xylenes, 2-methylnaphthalene, fluorene, naphthalene, phenanthrene, pyrene, dibenzofuran, petroleum hydrocarbons, and total phosphorus.

Groundwater:

- Burning pad: HMX and RDX.
- Popping furnaces: water-soluble nitrate/nitrite.
- Southern oil pits: 1,2-Dichloroethane, water-soluble nitrate/nitrite, aluminum, and iron.

Surface water:

- Southern oil pits: 2,4,6-TNT, RDX, acetone, carbon disulfide, PCB 1248, PCB 1260, endrin, petroleum hydrocarbons, aluminum, arsenic, barium, chromium, copper, iron, magnesium, nickel, potassium, and zinc.
- Prairie Creek and Kemery Lake: Total phosphorus, aluminum, arsenic, barium, beryllium, calcium, cobalt, copper, iron, lead, magnesium, manganese, nickel, potassium, silver, sodium, vanadium, and zinc.

Sediment:

- Southern oil pits: 2,4,6-TNT, 1,3,5-trinitrobenzene, nitrobenzene, acetone, benzene, ethylbenzene, 2-methylnaphthalene, dibenzofuran, naphthalene, phenanthrene, pyrene, PCB 1248, PCB 1254, DDE, DDT, heptachlor, heptachlor epoxide, isodrin, endrin, petroleum hydrocarbons, cadmium, cobalt, manganese, lead, nickel, silver, zinc, and numerous tentatively identified compounds and unknowns.
- Prairie Creek and Kemery Lake: water-soluble sulfate, dieldrin, petroleum hydrocarbons, and silver.

A plume of contamination (explosives) was identified in the shallow groundwater at this tract, migrating northerly off-site towards Prairie Creek. A small, localized plume of organics contamination was also identified in the shallow groundwater at this tract (DAMO08). Based upon the lack of any current risk to human health and the lack of risk under likely future use scenarios, the FS recommended that monitoring continue, and groundwater use and uncontrolled excavation be restricted. No other action was to be taken for groundwater (DAMO22).

The potential waste classification concerns at Site L2 include contaminated soils at the burning pads, the popping furnaces, and materials in both the Northern and Southern Oil Pits. Soils in the burning pad area may be classified as D008 for lead, D030 for 2,4-DNT, and/or D036 for nitrobenzene if they exceed the TCLP limits for these analytes. Soils in the vicinity of the popping furnaces may be classified as D006 for cadmium, D008 for lead, and/or D011 for silver if they exceed the TCLP limits for these analytes. Northern oil pit soils may be classified as D018 for benzene and may be ignitable which would require classification as D001 waste. Materials in the southern oil pit may be regulated under TSCA because of PCBs and classified as D008 if lead levels exceed the TCLP limits. Additional sampling was proposed to determine if the actual leachable levels of 2,4-DNT, nitrobenzene, and lead will exceed the RCRA toxicity characteristic limits and to determine the nature of potential wastes at the oil pits (DAMO25).

### L3 DEMOLITION AREA

The Demolition Area is located directly south of the Explosive Burning Grounds (L2) and covers about 50 acres. L3 is bounded to the west by Prairie Creek, to the south by an unnamed tributary to Prairie Creek and to the east by Road 1 West. Star Grove Cemetery is located within this area. A burning cage is located in the northwest, a fire training area is located in the central portion of the site and an incinerator is located in the south. L3 is dominated by several berms. The berms located in the area east of Prairie Creek, appear to be filled with various debris, and were reportedly used for burning operations (DAMO11).

The principal operation conducted at L3 was the open burning of combustible refuse and munitions crates. An air curtain destructor, which facilitates combustion while reducing particulate emissions, was constructed at the site but never used. In addition, uncontaminated solid waste and some solid waste potentially having low-level explosives-contamination from JAAP operations were burned at the site. Also, as identified during a 1987 site reconnaissance, this site is the location of the fire training area (less than 1 acre). These operations consisted of wood pallets ignited with oil that were used for the fire training. Earlier fire training practices are unknown (DAMO11). Debris disposed of at this area was formerly ignited with waste solvents and oils (DAMO25).

A 1968 memo indicates that production groups sent 64,000 and the storage groups sent 38,400 cubic feet of trash to be burned in the burning cage each day. The capacity of the burning cage was 140,000 cubic feet per day (UCCI66). A "barricaded mine pit" was used for burning contaminated liners from TNT boxes. A train of smokeless powder was used to initiate the burn (USOP25).

Historical aerial photos revealed that by 1978, U-and L-shaped berms were constructed along the eastern side of Prairie Creek. These berms (less than 1 acre each) were used for

burning operations. In addition, a similarly sized bermed area (between the fire training area and demolition pits) is evident in aerial photos (DAMO11).

During the 1990 site reconnaissance, the berms, burning cage, demolition pits, and fire training areas were inspected. The berms consist of U-and L-shaped mounds, and the burning cage is constructed of a concrete pad surrounded by a steel mesh cage used to contain debris. Scattered ceramic and metal debris were observed around the burning cage. The fire training area consists of a small depression enclosed by an earthen berm; it contains a small wood shed, several pieces of scrap metal, and a stripped automobile. Unlike the fire training area, the demolition pits (less than 1 acre) are heavily vegetated, which suggests that there had been no recent activity in this area. Scattered stockpiles of wood pallets were observed in and around the demolition pits. During the Phase 1 RI, geophysical techniques used to clear UXO from work areas indicated the presence of buried metallic debris in and around the U-and L-shaped berms. During the Phase 2 RI, the area near the berms were screened for the presence of ferrous materials; the area within the berms was found to have the largest amount of metallic debris (DAMO11).

L3 soil data were evaluated for the entire site, and for two subgroups of the site, Northeast Area Hotspot and the Bermed Area Hotspot for the human health risk assessment. The risk criterion was exceeded by risks calculated for soil exposure by all the potential future receptors, primarily due to arsenic and RDX for the entire site, arsenic and 2,6-DNT at the Northeast Hotspot, and RDX at the Bermed Area. The hazard criteria was exceeded by the future industrial worker scenario at the Bermed Area Hotspot, by the construction worker throughout the entire site, and by the resident throughout the entire site and at each of the hotspots. Hazard exceedances were primarily caused by thallium and 1,3,5-trinitrobenzene at the Northeast Area Hotspot and RDX at the Bermed Area. Lead was detected in all samples analyzed for this metal, and four had concentrations exceeding the soil criterion of 500 µg/g. These concentrations may contribute to the risks and hazards posed at the site. Groundwater contamination was divided into two plumes:



the Bermed Area and Burning Cage plumes. The total calculated risk from exposure to groundwater for future residents exceeded the risk criterion associated with both of these plumes due primarily to the presence of RDX (DAMO23).

Based on analytical data collected during the Phase 2 RI, and previous studies, the following site-related contaminants were identified at Site L3 (DAMO25):

Soil:

- Berms along Prairie Creek: 1,3,5-trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, RDX, HMX, benzo(k)fluoranthene, chrysene, fluoranthene, naphthalene, phenanthrene, pyrene, alpha- and gamma-chlordane, petroleum hydrocarbons, water-soluble sulfate, total phosphate, aluminum, antimony, barium, cadmium, chromium, copper, iron, lead, magnesium, silver, sodium, thallium, and zinc.
- Fire training area: 1,2,4-trichlorobenzene, 2-chloronaphthalene, naphthalene, chromium, copper, lead, mercury, silver, and zinc.
- Area east of the demolition pits: none.
- Bermed area between the fire training area and the demolition pits: 1,3,5-trinitrobenzene, 1,3-DNB, 2,4,6-TNT, 2,6-DNT, 2,4-DNT, RDX, HMX, fluoranthene, phenanthrene, pyrene, cadmium, calcium, copper, lead, magnesium, mercury, silver, and zinc.
- Demolition pits: copper, lead, mercury, silver, and zinc.
- Area south of Central Road and east of the burning cage: 2,4,6-TNT, 2,6-DNT, 2,4-DNT, RDX, HMX, arsenic, cadmium, chromium, copper, and lead.
- Along the unnamed tributary west of MW412: hexachlorobenzene, phenanthrene, pyrene, arsenic, and lead.

Groundwater:

- Berms along Prairie Creek: RDX, HMX, and water-soluble nitrate/nitrite.
- Bermed area between the fire training area and the demolition pits: HMX, RDX, water-soluble nitrate/nitrite, and lead.

Surface water:

- Prairie Creek and Unnamed tributary: none.

Sediment:

- Prairie Creek: phenanthrene, pyrene, DDD, DDE, dieldrin, heptachlor, heptachlor epoxide, water-soluble sulfate, and silver.
- Tributary: phenanthrene, pyrene, DDD, DDE, dieldrin, heptachlor, and heptachlor epoxide.

Metals are present at high concentrations throughout much of Site L3. Concentrations of 2,4-DNT, arsenic, cadmium, chromium, lead, and silver may exceed the RCRA limits. Further sampling was recommended to determine if the actual leachable concentrations of metals or 2,4-DNT exceed the RCRA toxicity characteristic limits (DAMO25).

Two plumes of groundwater contamination (explosives) have been identified on a portion of this tract; one migrating off-site at the west side of tract and the other encroaching from L2 (DAMO08). Based upon the lack of any current risk to human health and the lack of risk under likely future use scenarios, the FS recommended that monitoring continue, and groundwater use and uncontrolled excavation be restricted. No other action was to be taken for groundwater (DAMO22).

#### L4 LANDFILL AREA

The Landfill Area is located southwest of the Demolition Area (L3), north of Prairie Creek. Site L4 includes two former extraction pits excavated to bedrock. The western pit is partially filled with construction waste and sanitary sewage, and the eastern pit has been flooded by Prairie Creek. As reported in the RI, from the early 1940's until the late 1960's, the landfill associated with the western pit reportedly accepted various types of construction debris, including concrete. In addition, 5-gallon pails containing unknown substances were reportedly disposed of in the landfill. The final cover was installed in the 1970's. During the 1990 site reconnaissance, the western extraction pit was evident along the northern bank of Prairie Creek. Where excavated to bedrock, the exposed dolomitic pit floor was observed to be extensively jointed. No construction debris or landfill cover deterioration was detected in this area. Water was observed seeping from the base of the northeastern portion of the western excavation pit to Prairie Creek (DAMO11).

Based on historic aerial photographs, the eastern extraction pit may have received fill material in the 1940s. However during the Phase 1 RI, the pit was observed to be a forested, low-lying marsh area, which appeared to be flooded by Prairie Creek. No evidence of previous landfilling activities was observed; and the pit, where discernible, was not filled. Therefore, based on these observations, the eastern pit is not considered to be an area of potential concern (DAMO11).

A standard operating procedure revised in 1967 indicates that inert trash was burned in a pit north of Prairie Creek and east of Road 2 West. Inert trash was defined as materials that were rejected as unserviceable for use (i.e., boxes, containers, caps) (USOP26). It is assumed that this pit was located at L4.

The Phase 1 RI included a geophysical survey to define the extent of buried fill at the landfill. Three separate areas containing metallic debris were identified. It was estimated

that the fill was not more than 15 feet in thickness. The estimated fill volume is 37,000 cubic yards (DAMO11).

Results of the baseline human health risk assessment showed that except for the hunter population, all future receptors had calculated risks that exceeded the risk criterion. The major chemicals that contributed to the exceedances were polycyclic aromatic hydrocarbons and PCB 1260 in soil. For residential receptor's exposure to groundwater, the calculated risk exceeded the risk criterion, due primarily to the presence of 1,2-dichloroethane (DAMO23).

Based on analytical data collected during the Phase 2 RI and previous studies, the following site-related contaminants were identified (DAMO11):

- Soil: acenaphthene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, bis(2-ethylhexyl)phthalate, chrysene, di-n-butyl phthalate, fluoranthene, fluorene, 2-methylnaphthylene, naphthylene, phenanthrene, pyrene, PCB 1260, DDD, DDE, DDT, total phosphorus, antimony, cadmium, copper, lead, mercury, silver, and zinc.
- Groundwater: 1,2-dichloroethane, 1,1,1-trichloroethane, and 1,1,2-trichloroethane.

Based upon the lack of any current risk to human health and the lack of risk under likely future use scenarios considered in the risk assessment, the FS recommended that monitoring continue, and groundwater use and uncontrolled excavation be restricted. No other action was to be taken for groundwater (DAMO22).

## L5 SALVAGE YARD

The Salvage Yard, located in the northwestern corner of the LAP Area covering approximately 16 acres, was used for salvage and open storage of miscellaneous materials from the installation (DAMO11). During plant construction, this site was a ready-mix concrete plant. Three wells (#1, 2, and 3) were installed to supply the concrete plant are not connected to the plant-wide water supply (ACOE06).

Metal waste from the popping furnaces at the Explosive Burning Grounds (L2) was reportedly sent to L5 when JAAP was in operation. Based upon a previous review of historic aerial photography, and a September 1987 site reconnaissance, oil drums stacked adjacent to the sorting building (26-3) appeared to have leaked. The oil spilled was visible on the ground surface in 1987, though the drums had been removed from the site. The spill area is estimated to cover less than 100 square feet. During the 1990 site reconnaissance, the stain was no longer apparent (DAMO11).

Prior to 1974, waste oil from JAAP operations was collected and stored in the oil pits at the Explosive Burning Grounds. After 1974, a 10,000-gallon water tank, located immediately east of the sorting building, was used as a storage tank for discarded oil. Uniroyal interoffice memos indicated that waste oil collected in this tank was restricted to that which was not toxic or contaminated with explosives and that oil from the tank was removed by a contractor. The tank was situated near a small wooden shed with a feeder bin that drained directly to the tank. During the 1990 site inspection, spent oil was found within the bin. During the Phase 1 RI, the area near the shed was observed to have been recently excavated and backfilled, and the tank had been removed (DAMO11).

A former production well (well #1) is located immediately north of the oil storage tank and northwest of the spill area. This well is connected to the storage tank via an underground pit; it is also connected to another former production well (well #3) located at the western end of the site. During the Phase 1 RI, two rusted valves were noted in the

pit but no oil was present. Piping to the wells connects to aboveground pumps located inside the pump house; because the head of the piping is higher than the tank, oil could not have entered the wells even if the valves to the piping were open (DAMO11).

A 500-foot-long shallow ditch, dug in 1974 and located south of the spill and tank area was used to store barrels of unknown contents. Other potential contamination sources identified during the 1990 site reconnaissance included several large piles of railroad ties (approximately one acre), a large junk pile (less than one acre), and a storage building (Building 26-2). Potential items of concern within the junk pile included scrap metal, pole transformers, empty sodium hydroxide drums, refrigerators and water heaters. In addition, according to JAAP personnel, scrap metal (notably lead, copper, aluminum, brass and steel) had been placed in the junk pile (DAMO11). Pole mounted transformers were observed in this area and one soil sample result showed 73,400 ppm of PCBs (DAMO06). Historic aerial photos indicated that a large area south of the railroad tracks was also used for open storage. The storage of spent battery acid and non-PCB transformer oil within Building 26-2 is another potential concern, especially because cracks are evident in the floor and past material storage is unknown. Based on preliminary aerial photointerpretation, a ground scar or area of vegetative stress (less than 0.5 acre in size) was located in the southern portion of the site (DAMO11).

The Baseline Human Health Risk Assessment indicates that chemical exposures for lead and PCBs are above the risk criteria for the current security worker. Except for calculated hazards for the hunter population, all future receptors for the entire site and the junk pile sub area had calculated risks and hazards that exceeded the risk criterion. Carcinogenic risks were posed by PCBs in the Junk pile hotspot and the non-carcinogenic hazards were derived mainly by the presence of cadmium both site-wide and at the hotspot (DAMO23).

Based on environmental data from the Phase 2 RI and previous investigations, the potential site-related contaminants at Site L5 are listed below (DAMO25):

Soil:

- Ditch area: acenaphthene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, dibenzofuran, fluoranthene, fluorene, indeno(1,2,3-CD)pyrene, phenanthrene, pyrene, PCB 1260, dieldrin, petroleum hydrocarbons, aluminum, antimony, barium, cadmium, chromium, copper, iron, lead, mercury, silver, thallium, and zinc.
- Junk pile: 1,2,4-trichlorobenzene, benzo(k)fluoranthene, chrysene, phenanthrene, pyrene, PCB 1254, PCB 1260, petroleum hydrocarbons, antimony, arsenic, barium, cadmium, calcium, chromium, copper, iron, lead, magnesium, mercury, nickel, silver, sodium, and zinc.
- Railroad ties: acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, fluoranthene, phenanthrene, pyrene, PCB 1260, petroleum hydrocarbons, calcium, copper, magnesium, and silver.
- Former oil spill: phenanthrene, pyrene, PCB 1260, petroleum hydrocarbons, antimony, cadmium, calcium, copper, lead, magnesium, silver, and sodium.
- Building 26-2: 2,4,6-TNT, antimony, chromium, copper, lead, mercury, nickel, silver, vanadium, and zinc.
- Open storage area: benzo(a)anthracene, chrysene, fluoranthene, phenanthrene, pyrene, petroleum hydrocarbons, antimony, barium, cadmium, calcium, copper, iron, lead, nickel, silver, and zinc.
- Vegetative stress area: anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene, pyrene, petroleum hydrocarbons, cadmium, lead, and zinc.
- Groundwater: 1,1-dichloroethane, aluminum, antimony, and manganese.

Since PCBs were detected in soil samples from the junk pile at concentrations of 73,400 ppm; the soils in this area of the site may be regulated under TSCA. Metals occur at high concentrations throughout much of the site and the concentrations of cadmium, chromium, and lead exceed established RCRA toxicity characteristic limits in at least one portion of the site. Further sampling was recommended to determine if the actual

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leachable concentrations of metals exceed the RCRA toxicity characteristic limits and to check the aerial extent of the oil spill (DAMO25).

A small, localized plume of organics contamination was identified in the shallow groundwater at this tract (DAMO08). Based upon the lack of any current risk to human health and the lack of risk under likely future use scenarios, the FS recommended that monitoring continue, and groundwater use and uncontrolled excavation be restricted. No other action was to be taken for groundwater (DAMO22).



## L6 GROUP 70

Group 70, located in the southwestern portion of the LAP Area, was a storage and service area. Miscellaneous buildings and structures in Group 70 include an electric shop, a locomotive service building, a carpenter's shop, an above-ground storage tank (AST), two fuel tanks, a motor pool, a laundry facility, and various equipment storage buildings. The locomotive service shop contained (70-13) three repair pits and a 15-ton crane (DAMO11). A total of 33 buildings were included in this area (JAAP08). An oil skimmer recovery system, which collected oil from the repair pits when JAAP was in operation, is adjacent to the shop. Spent oil was reportedly spread over local roads to minimize windblown dust. The electric shop (Building 70-46) was used to clean and repair electrical equipment. Solvents such as acetone and LIX (used for cleaning electrical equipment ) were reportedly stored and used in this area (DAMO11).

Explosive contaminated intra-plant railroad cars were moved to the Munitions Roundhouse rip track at Building 70-13 prior to repair. If the cars had not been cleaned of contamination, it was swept here and the sweepings were collected and disposed of at the Explosive Burning Ground (UCCI42).

Between 1957 and 1963, mixing and dispersing of pesticides was conducted from building 70-46. It is unknown if pesticide handling started prior to 1957 or if it continued after 1963. At least some of the work was done outdoors. DDT, chlordane, warfarin, malathion, and lindane were used (DOTA16, DOTA17, DOTA18).

In 1974, equipment in the LAP laundry (Buildings 70-10 and 70-59) included two washers, two extractors, and six dryers. Both overalls and whites were laundered here. Both were laundered in the same fashion except that the flame retardent Dupont X-12 (now manufactured by Spartan Flame Retardents) was added to the overalls (TRWI01). X-12 contains no hazardous components (MSDS04). The laundry also used P&G Pierce 60309 detergent and Stauffer Chemicals Drylite (TRWI01). Drylite having the same

formulation is now manufactured by Diversey Laundry. The compound was used for dust control and the principal hazardous component is petroleum distillates (CAS number 64742-52-5) and also contains dicocodimethyl ammonium chloride (CAS number 61789-77-3) (MSDS06). The wastewater was collected in a holding basin and the overflow was discharged into a storm sewer which empties into Forked Creek which discharges into the Kankakee River. Lint from the laundry periodically blocked the storm sewer. The discharge contained TNT and RDX (TRWI01).

In 1974, oily waste waters were discharged from the LAP Motor Pool Machine Shop (70-46), Automotive Shop (70-47), and Diesel Engine Repair and Storage (70-13). Oil was from leaks and spills, washing of trucks, and steam cleaning of engines. Wastewater flow from the Motor Pool was three to four gallons per minute. The drains in the area were equipped with traps to contain the grease, oil, and large settleable solids. Material from cleaning of the traps was transferred to oil salvage tanks. The wastewater was discharged to a storm sewer which emptied to Forked Creek which flows into the Kankakee River (TRWI01).

Historic aerial photointerpretation revealed that, in 1944, debris covered a large area (approximately 8 acres) in the southwestern portion of the site, south of the railroad tracks. The contents of the materials previously stored in this area are unknown (DAMO11).

During the site investigation in March 1988, JAAP personnel identified an area between the receiving building (Building 70-45) and the electrical shop where askarel oil containing PCBs had been dumped from transformers. In addition, waste solvents and oils generated from the electrical and machine shops had reportedly been dumped in the area outside the electric shop (DAMO11). The dumping practices continued until at least the late 1950's (DAMO03). Spent solvents and oils from the area may have been disposed of at the burning grounds (L2) (DAMO11).

A 2,000 gallon UST and the AST referenced above are located at the gas station/motor pool (Building 70-16), situated in the southeastern corner of Group 70. There is no documentation on past leaks or spills from either tank (DAMO11).

The south substation is located in the northeastern corner of Group 70. Transformer pads were reportedly washed with solvents. During a 1987 site reconnaissance, a low-lying area with ponded water and vegetative stress was identified between the locomotive service building and the electrical shop (DAMO11).

Several other potential areas of concern were identified during July 1990 site reconnaissance. PCBs may have been used to fireproof clothing in Building 70-45. Painting, shellacking and lacquering operations were performed at the western end of the carpenter's shop/paint shop (Building 70-44). Paint thinner was reportedly dumped onto soil in an area that is now paved over. Two laundry shops (Building 70-10 and 70-59) located at the western end of L6 were also inspected. No dry cleaning was performed at these locations. Water from the washing of explosives-contaminated clothes at the laundry buildings was discharged into a sump behind Building 70-10. Overflow of the sump may have impacted soil in the area. Drainage for most of the site is toward the south-southeast into a small ditch (DAMO11).

The 1994 Facility Spill Plan lists the following tanks in Group 70: one 20,000 gallon gasoline (empty), four 20,000 gallon fuel oil (residual), and two 150,000 gallon #6 bunker oil (not heated - solidified) (ALSI01).

The Baseline Human Health Risk Assessment determined that chemical exposures for lead and PCBs are above the risk criteria for the current security worker scenario. Chemical exposures for polycyclic aromatic hydrocarbons and PCBs are above the risk criteria for the current security worker scenario in the spill area. Calculated risks exceed the criterion for all future receptors for soil exposure site-wide and for the PCB spill subarea, primarily due to polycyclic aromatic hydrocarbons and PCBs. The total risk and

hazard calculated for resident's groundwater exposure exceeded both the risk and hazard criteria, primarily due to the presence of arsenic (DAMO23).

Based on environmental data from the Phase 2 RI and previous field investigations, the potential site-related contaminants identified at Site L6 are listed below:

Soil:

Oil Skimmer sump area: 2-methylnaphthalene, acenaphthene, acenaphthalene, anthracene, chrysene, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, pyrene, and petroleum hydrocarbons.

PCB spill area and ditch located to the northeast: 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2,4-dichlorophenol, benzo(b)fluoranthene, di-n-butyl phthalate, di-n-octyl phthalate, dibenz(a,b)anthracene, diethyl phthalate, dimethyl phthalate, hexachlorobenzene, phenol, acenaphthene, acenaphthalene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, benzo(b)fluoranthene, benzo(k)fluoranthene, butyl benzyl phthalate, chrysene, dibenzofuran, dibenz(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, pyrene, and PCB 1260.

Area of vegetative stress: benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene, and pyrene.

South substation: PCB 1260.

Groundwater: chlorobenzene, benzyl alcohol, butyl benzyl phthalate, arsenic, and tentatively identified compounds (unknown glycerides).

Surface water: RDX, 1,1,1-trichloroethane, acetone, chloromethane, and sodium.

Sediment: anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene, pyrene, sulfate, mercury, and silver.

PCB 1260 was detected in the soil at concentrations below 50 ppm. Based on the concentrations of contaminants detected in soil and sediment samples from the site, none of these materials would be classified as a RCRA hazardous waste. Although no data was required for waste classification at this site, further sampling was recommended to refine volume estimates of contaminated soil at the oil skimmer sump and to evaluate the

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potential for contamination associated with above ground storage tanks. Also, a shallow monitoring well was proposed downgradient from the tanks and pump station to evaluate the potential for groundwater to be impacted (DAMO25).

A small, localized plume of organics contamination was identified in the shallow groundwater at this tract (DAMO08). Based upon the lack of a calculated risk to human health under current conditions, and to the lack of risk under likely future use scenarios, the FS recommended that no remedial action be taken for groundwater (DAMO22).

## L7 GROUP 1

Group 1, located in the southeastern portion of the LAP Area, consisted of 70 buildings on 100 acres where various operations occurred. The operations conducted in this Group are similar to operations conducted at Groups 2, 3 and 3A (DAMO22).

Operations in this group began in October 1942. Complete 105 mm howitzer rounds were loaded here. Howitzer shells were loaded with both M48 and M54 fuses. M2 and M2A1 were also produced on this line (HIST18).

Composition B (a mixture of RDX and TNT) was melted and loaded into a projectile; process water containing explosives residue was discharged to the melt-load sump. The loaded projectiles were transferred to another building for final assembly. Projectile cleaning operations occurred at the wash house. The resulting red water, along with water from the floor washings, was discharged to the wash house sump. Solids collected in the sump were reportedly sent to the Explosive Burning Grounds (L2) for disposal. Liquids from the sump were discharged to the ground surface. These liquids ponded and drained into a storm sewer, which ultimately discharged to Doyle Lake (L12), or Prairie Creek. Carbon treatment units were reportedly installed in each melt-load building sometime around 1976. Spent carbon units were disposed at the Explosive Burning Ground (L2) (DAMO22).

The Group 1 production line produced the 105-mm cartridge (171, WSC, without fuse), which was loaded with Composition B or TNT. Composition B and TNT were handled in Buildings 1-4, 1-6, and 1-16. Standard cleaning operations required that all three buildings be washed down once a week. As a result of these activities, soil contamination is potentially present near the building entrances and associated sumps. During the 1987 and 1990 site reconnaissance's, red soil was found beneath the gravel covering the washout building sewer drainage area. Red soil was also observed at the holding pond

southeast of the site (which receives drainage from Group 1 prior to flowing to Doyle Lake) and around the entrances to all the melt-load buildings (DAMO22).

Several types of chemicals and materials were used or stored at Group 1, including mercury fulminate, lead azide and propellant powder. The propellant powder (which consisted of potassium nitrate, sulfur and charcoal) was shipped directly to Group 1 in bags packed in drums. Various solvents and paints were stored in substation number 1, a small building along the northwestern border of the site (DAMO22). A Salvage Storage Platform (1-39) was located within the fence on the center of the east side of the site (SPED01).

Particular uses of some of the buildings in the group were: Building 1-4 where chemicals used in the processing of X-rays were stored, TNT screening (Building 1-6); propellant charge (Building 1-14); cooling (Building 1-16); and assembly and shipping buildings (Building 1-13)(DAMO22). Six transformers pads were reportedly washed periodically with solvents (DAMO11). Radiological sources such as Cobalt 60 and Cesium 137 were used in instrumentation in a building in this area (ARMY01).

Historic aerial photointerpretation of Group 1 revealed a 2-acre scarred area containing two pits east of the site, south of the railroad tracks. No information is available concerning activities in this area. However, samples were collected from this area were analyzed for explosives and metals; no elevated levels of these compounds were detected (DAMO06).

The Baseline Human Health Risk Assessment determined that chemical exposures for PCB are above the risk criteria for the current security worker scenario around the transformers. Calculated risks exceed the criterion for all future receptors for soil exposure for the entire site and for the PCB spill subarea, primarily due to polycyclic aromatic hydrocarbons and PCBs (DAMO23).

Based on environmental data from the Phase 2 RI and previous field investigations, the potential site-related contaminants identified at this site are listed below (DAMO11):

Soil:

Sump/sewer system: 2,4,6-TNT, PCB 1254, total phosphorus, lead, and silver.

Transformers: PCB 1260.

South drainage ditch: silver.

Sediment:

North drainage ditch: 2,4,6-TNT, water-soluble sulfate, lead, sodium, and zinc.

South drainage ditch: Water-soluble sulfate, lead, magnesium, and silver.

Groundwater: water-soluble nitrate/nitrite and water-soluble sulfate.

Surface water: 1,3,5-trinitrobenzene, 2,4,6-TNT, HMX, RDX, and silver.

Lead levels potentially exceed RCRA toxicity characteristic levels in surface soil near the TNT Screening Building at Site L7; sampling was recommended to determine if the actual leachable lead would cause the soil to be classified as a RCRA hazardous waste. Sampling is required to evaluate soil conditions below the floors of areas where washdown operations occurred. Explosive screening was suggested to resolve a conflict where analytical data indicated low concentrations of explosives in soils in areas where red-stained soil was observed near several buildings on the site (DAMO25).

This was one of six study sites in the Ecological Risk Assessment. This assessment involved evaluation plants grown in site soils, earthworm toxicity, Microtox testing, and rodent evaluations. Several soils showed highly toxic effects for all tests. Radiating out from the center of the site toxicity levels decreased. Effects noted were reductions in plant heights, reduced seed emergence, both lethal and sublethal earthworm effects, and Microtox EC50s of less than 30 percent in a number of samples. No statistical



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differences were found between heavy metal levels in mice collected at JAAP and those in the control group. A trace levels of TNT was detected in the tissues of one of the 19 mice collected at Group 1 (AEHA10).

Based upon the lack of any current risk to human health calculated using the studied scenarios and the lack of calculated risk under the future use scenarios studied for groundwater, the FS recommended that monitoring continue, and groundwater use and uncontrolled excavation be restricted. No other action was to be taken for groundwater (DAMO22).

## L8 GROUP 2

LAP Area operations performed at Group 2 (90 acres) were similar to those for Group 1 (L7). This group was constructed to load 155-mm projectiles and antitank mines and consisted of 48 buildings (JAAP08). This line also produced 8-inch high explosive projectiles (M106, WSC, without fuse) and grenades (DAMO22, UCCI04).

During a 1987 site reconnaissance, raw TNT and red soil were observed adjacent to the sewer drain, sump, separator shed and doors to buildings such as the melt-load (Building 2-4) and TNT screening (Building 2-6) buildings, the washout building (Building 2-37), and the pump houses. A debris area (which covers approximately 1.5 acres and is located in a small depression southeast of the fenced-in area of Group 2) was also identified during the 1987 and 1990 reconnaissance's. It was observed to contain primarily scrap metal, wood and concrete. According to JAAP personnel, the contents of this debris area are probably the remains of an explosion of one of the Group 2 buildings which occurred in 1942 (Building 2-10) (DAMO11, HIST18). Based on the site reconnaissance, the materials present in this area are consistent with this description and include wood and concrete rubble, and were not considered an environmental concern. Six transformers (which may contain PCBs) are located in Group 2. The transformer pads were reportedly washed with solvents (DAMO11). Radiological sources such as Cobalt 60 and Cesium 137 were present in instrumentation used in this group (ARMY01).

On June 5, 1942, an explosion occurred near Building 2-10. It was estimated that 60,000 pounds of TNT and tetryl packed in anti-tank mines (M1) in three box cars located adjacent to Building 2-10 and 2,600 pounds of tetryl contained in M1 anti-tank mine fuses in bay 10 of the building were within the blast. The maximum distance at which structural damage occurred was 700 feet and missile damage occurred to a distance of 3,700 feet (WDEP01).

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In 1988, Buildings 2-12, 2-14 and 2-17 were decontaminated to XXX by Uniroyal (A-Z Technology, EBS, 12/22/88).

Calculated risks exceed the criterion for all future receptors for soil exposure for the entire site, primarily due to PCBs in soils around the transformers (DAMO23).

Based on environmental data from the Phase 1 and Phase 2 RIs, several potential contaminants of concern are identified at Site L8, as listed below (DAMO11):

- Soil: PCB 1260.
- Groundwater: water-soluble nitrate/nitrite, manganese, and silver.
- Surface water: 1,3,5-trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2-nitrotoluene, bromoform, potassium, silver, and sodium.
- Sediment: 2,4,6-TNT, selenium, silver, and sodium.

Silver was the only analyte present at a concentration (45 ppm) which could result in the sediment being classified as a RCRA hazardous waste. The concentration of total explosives in the soil and sediment did not exceed one percent so the media are not reactive and would not be considered hazardous wastes. Concentrations of PCB 1260 detected in the soils were less than 50 ppm. Further sampling of sediments present in the drainage ditch was recommended to determine if the actual leachable concentrations of silver exceeds its RCRA toxicity characteristic limit. In addition, sampling is proposed to evaluate soil conditions beneath washdown areas in Buildings 2-40B and 2-37. Explosive screening is recommended to resolve a conflict where analytical data indicated absence of explosives in soils in areas where red-stained soil was observed near several buildings on the site (DAMO25).

### L9 GROUP 3

Group 3 (a 100 acre parcel) was used for processing high-explosive cast munitions. Generally, operations in this Group were similar to operations in Groups 1, 2 and 3A. L9 included a solvent storage area, curing ovens, propellant mixing area, igniter manufacturing, oxidizer grinding and storage area, quality control laboratory and magazine assembly. Transformers that may have contained askarel oil were also maintained at L9 (DAMO25). Radiological sources such as Cobalt 60 and Cesium 137 were used in instrumentation (ARMY01).

This group was constructed for the loading of 300 to 2,000 pound demolition bombs (ACOE06). The 105 mm high explosive cartridge (MI, WSC, without fuse) was also produced here. Most recently this Group was used by Talley Defense Systems to manufacture propellant grains and ignitor assemblies, and to load, assemble, and pack Base Burn assemblies for the 155-mm M864 projectile. The buildings used by Talley include Building 3-3 (fuels weighout and storage, mold assembly/clean line); 3-3A (assembly/warehouse); 3-20A (change house); 3-60 (general offices); 3-61 (QC Lab); 3-62 (oxidizer grinding); 3-63 (oxidizer storage); 3-64 (propellant mixing); 3-64A (grinder/mix controls); 3-65 (curing ovens); 3-66 (service magazine-assembly); 3-67 (vehicle garage); 3-68 (guard station); 3-70 (solvent storage-acetone); 3-71 (propellant casting); 3-72 (igniter manufacture); and 3-73 (service magazine-igniter) (DAMO06).

On July 11, 1944, a fire and explosion occurred in the melt pour building which was being used for the production of M-1 Chain Demolition Blocks and cleaning of 105 mm shells. The fire began during the removal of solidified TNT from two settling tanks used in connection with the steam out operation. The fire and explosion traveled upward detonating the explosive contents on the floors above. The building was completely demolished in the explosion (HIST56, HIST59).

During the September, 1987 site reconnaissance, red soil was observed at the gravel sewer drainage area surrounding the red water collection sump (DAMO06). Sumps were used to collect pink water where the settled sludge was collected and hauled to the Burning Grounds for disposal (TRWI01). In addition to the sump area, several other potentially contaminated areas were identified in this Group. Red soil was also observed at the doors of many buildings (e.g., the melt-load (3-4), TNT screening (3-6), and washout (3-7) buildings) possibly indicating contamination from former floor washing. Red soil was also observed around structures housing dust control separators (DAMO06).

During the 1990 site reconnaissance, buildings 3-4 (melt-load), 3-10 (drilling booster and shipping), 3-16 (the propellant loading), and 3-5A (service magazine, also formerly for supplementary charge assembly) were identified with red soils near the building portals and around the red water collection sump (DAMO06, HIST05). Historic aerial photos indicate a ground scar in the area north of building 3-10, where disposal activities may have occurred. Further investigation of the scar did not identify any related debris and it was determined that the scar most likely resulted from excavation during construction of railroad tracks. After installation of the railroad spurs in this area, "dark tones" were evident along the tracks in the aerial photos (DAMO06).

In December (1973) 50 gallons of fuel oil was lost due to over pumping into a fuel oil storage tank. At least two 20,000 gallon fuel oil tanks were located here, one containing number 2 and one containing number 6 oils (JAAP01). A spill of fuel oil from Building 3-1 occurred in June 1968. The oil reached Prairie Creek (JAAP26).

The Baseline Human Health Risk Assessment determined that chemical exposures to RDX and TNT are above the risk criteria for the current security worker scenario around buildings 3-4 and 3-5A. Lead may contribute to risk. L9 soil data was divided into two subareas: Buildings 3-4 and 3-5A. The calculated risks and hazards exceeded the respective criteria for all future receptors in the tested scenarios for the entire site and

both building areas. RDX and TNT at Buildings 3-4 and 3-5A contributed to both the risk and hazard exceedences (DAMO23).

Based on environmental data from the Phase 1 RI, several potential contaminants of concern are identified at Site L9, as listed below (DAMO06):

Soil: 2,4,6-TNT, 1,3,5-trinitrobenzene, 2,6-dinitrotoluene, lead, and mercury.

Surface water: HMX and RDX.

Sediment: 2,4,6-TNT, water-soluble sulfate, cadmium, chromium, lead, silver, and zinc.

Levels of lead could result in surface soil near Buildings 3-5A, 3-6, and 3-16 being classified as a RCRA hazardous waste. The levels of mercury could exceed its RCRA toxicity characteristic in surface soil near Building 3-5A. Additional data is required to determine if the actual leachable concentrations of silver and mercury exceed their RCRA toxicity characteristic limits. Sampling was also proposed to evaluate soil conditions beneath washdown areas in Buildings 3-37 and 3-45. Explosive screening to resolve a conflict where analytical data indicated low concentrations of explosives in soils in areas where red-stained soil was observed near several buildings on the site was also recommended (DAMO25).

### L10 GROUP 3A

LAP Area operations performed at Group 3A (100 acres) were similar to those for Group 1 (L7) and Group 2 (L8). It operated from 1940 to 1972 and has been idle since that time (DAMO14). Group 3A was initially constructed to load 500 to 4,000 pound bombs (ACOE06, HIST18). Specifically, products produced were dispenser and bomb, ACFT, cluster bomb unit (CBU)-24B/B, and CBU-49B/B. The bomblet live units (BLUs) were loaded with Composition B and assembled into CBUs. Red soil was identified during the September 1987 site reconnaissance at the sump, sewer drain, separator sheds and doorways of the melt-load (Building 3A-4), TNT screening (Building 3A-6) and washout (Building 3A-37) buildings. Six transformers, potentially containing PCBs, are also located in Group 3A. Around 1987, one of the transformers in the northeastern part of the site reportedly leaked approximately 4 gallons of PCB-containing oil (with concentrations of 41,000 ppm PCB) onto a concrete pad. "Oil dry" was placed on the concrete to remove the oil, and the concrete pad was wiped with cloth soaked in LIX, a solvent containing volatile organic compounds. The cleanup was considered complete according to JAAP (DAMO06).

A 6-foot-deep pit, approximately 50 feet wide and 200 feet long, is located east of the northeastern corner of Group 3A, outside the fence. Oil sludge was evident on the sides of the pit and on the surface outside the pit. Large trees were growing in and around the pit. Two soil cores were collected from the pit as part of the Phase 1 RI. Samples were analyzed for explosives, metals, volatiles, semivolatiles, and petroleum hydrocarbons. Low levels of pyrene (up to 0.055 ug/g) and petroleum hydrocarbons (up to 56.6 ug/g) were detected. RDX was detected in one sample from the pit (DAMO06).

Sumps were used to collect pink water where the settled sludge was collected and hauled to the Burning Grounds (L2) for disposal (TRWI01). Building 3A-26 was a sewage pumping station (ACOE02).

Alliant Techsystems, Inc., produced 25 and 30 mm cartridges in this Group. Composition B, used in these projectiles, was stored at Group 66 (L29) (DAMO22). Historic aerial photographs show a large ground scar (approximately one acre) west of the melt-load building (3A-4) which may indicate potential contamination. Soil cores collected here during the Phase 1 RI did not reveal the presence of explosives or metals at levels of concern (DAMO06). Buildings 3A-41, 3A-44, 3A-45 and 3A-46 in this area were used for the manufacture of PBX pellets in support of Cartridge, 40 mm, M406 production in Group 4 (HIST06).

On March 24, 1945, an explosion occurred in the melt unit of building 3A-4 (HIST57). The extent of damage to the building is not indicated in the history.

On March 22, 1971 a bomblet loaded with a delay XM224 detonated in building 3A-12. The bomblets were picked up and placed in bomb boxes by an EOD attachment and were remotely destroyed (HIST06).

The Baseline Human Health Risk Assessment determined that chemical exposures to RDX, TNT and PCB are above the risk criteria for the current scenarios involving the security worker and industrial workers. With the exception of the calculated hazard for the entire site for the hunter, all future receptor scenarios had calculated risks and hazards that exceeded both the risk and hazard criteria at the entire site and at the Central Area Hotspot. The major chemicals contributing to these exceedances are PCBs around the transformers and RDX, and 2,4,6-TNT in soil at the Central Area. Without considering the Central Hotspot samples, most of the calculated risks and hazards would not exceed the criteria (DAMO23).

Based on environmental data from the Phase 2 RI and previous site investigations, the following potential site-related contaminants are identified for each medium (DAMO22):



- Soil:
  - Central Area: 1,3,5-trinitrobenzene, 2,4,6-TNT, HMX, RDX, water-soluble nitrate/nitrite, total phosphorus, cadmium, copper and lead.
  - Building 3A-3: Lead and mercury.
  - Oil pit: RDX, pyrene, petroleum hydrocarbons, and tentatively identified compounds.
  - Transformers: PCB 1260
  - Ditch north of Building 3A-43: 2,4,6-TNT, HMX, and RDX.
- Groundwater: 1,3-dinitrobenzene, RDX, 1,2-dichloroethane, water-soluble nitrate/nitrite, total phosphorus, iron, lead, manganese, and zinc.
- Surface water: 2,4,6-TNT, RDX, HMX, lead, and sodium.
- Sediment: 2,4,6-TNT, 2,4-DNT, RDX, HMX, petroleum hydrocarbons, 2-chloronaphthalene, naphthalene, pyrene, sulfate, silver, and manganese.

The level of lead in surface soil near Buildings 3A-4, 3A-10, and the central sump area; and the level of lead and mercury in surface soil near Building 3A-3 may potentially result in the soil being classified as a RCRA hazardous waste. Additional sampling was recommended to determine if the actual leachable concentrations of silver and mercury exceed their RCRA toxicity characteristic limits. Sampling was also proposed to evaluate soil conditions beneath washdown areas in Buildings 3A-47, 3A-53, and perhaps 3A-37. Explosive screening was recommended to refine estimates of contaminated soil volumes. Further soil sampling was recommended to delineate the extent of PCB contamination near transformer sites (DAMO25).

A small, localized plume of explosives contamination was identified in the shallow groundwater at this tract. Based upon the lack of any current risk to human health and the lack of risk under likely future use scenarios for groundwater, the FS recommended that monitoring continue, and groundwater use and uncontrolled excavation be restricted. No other action was to be taken for groundwater (DAMO22).

## L11 TEST SITE

The site consisting of 33 acres, was used for testing munitions. The area was developed to test the firing velocities and impact effectiveness of various munitions within a secured perimeter fence. Munitions were fired (presumably from blast mounds observed in aerial photographs) within this area into a downrange target area consisting of coarse gravel detonation pad constructed over native soil (DAMO06). The site was reportedly used from the early 1950s through the 1970s. A demolition area was located in the southwest quadrant of the Test Site (ARMY01). Historical maps of the area show Buildings 1-36 (Ammunition Sectioning Unit) and 1-37 (Operator's Shed) at the Test Site (SPED01).

In 1968 a firing range for 40 mm rounds was created. A gun mount for the 40 mm test site was fabricated (HIST03). This test range was at L11 (HYWL09).

UXO may exist at the Test Site because during normal operations, approximately 10 items per month failed to explode. UXO clearance activities performed during the Phase I investigation did not detect any UXO, although numerous fragments were found. UXO clearance was conducted in areas where samples were collected and access ways (DAMO06).

Calculated risks exceed the risk criterion for all future receptor scenarios tested at this site, due primarily to arsenic in soil (DAMO23).

Site-related contaminants identified at this site include arsenic, cadmium, copper, and zinc in the soils. Existing analytical data indicates soils at L11 would not be classified as a RCRA hazardous waste (DAMO25). No groundwater contamination associated with the site was detected. Agricultural use around the site may be impacting shallow groundwater quality (DAMO06).

## L12 DOYLE LAKE

Located approximately 1,000 feet southeast of Group 1 (L7), near the southern boundary of the LAP Area, Doyle Lake is a 12-acre surface impoundment receiving surface runoff from Groups 1 (L7), 2 (L8), 3A (L10), 64 (L27) and partially from 65 (L28) and 3 (L9). Compounds washed out from these areas may have migrated to and impacted the lake. Water from Doyle Lake discharges to the south into a small creek below the dam. The creek empties into Jordan Creek, which then discharges to the Kankakee River at the City of Wilmington (DAMO06).

The lake was formed by damming an unnamed tributary of Jordan Creek. A small holding pond, located about 800 feet east of the lake discharges into the lake. The holding pond was sampled during the Phase I RI and several contaminants were detected (DAMO06).

In the early 1970s, bottom sediment from Doyle Lake was removed for use as fill for railroad tracks. It was determined that the sediment was inadequate for this use and the material was placed in the southwest corner of agricultural tract 2 (L121) (ANLA01). Three samples were taken in the western portion of tract 2 where the sediments are believed to have been deposited and did not reveal the presence of explosives (JAAP12).

Doyle Lake was first studied in 1978. All sediment samples collected in 1978 contained arsenic, lead, 2,4,6-TNT and two samples contained 2,4- and 2,6-DNT. When the area was sampled again in 1981, all water samples collected contained detectable levels of RDX and sediment samples had detectable levels of explosives, metals, anions, and BNAs. In 1982, 1985, and 1986, surface water was sampled and only RDX was detected (DAMO06).

The Phase I RI concluded that there was sufficient data to define the nature and extent of contamination at Doyle Lake. Contamination was most prevalent in surface water at the

drainage point of the lake, in sediment at the southwestern portion of the site, and in sediment at a depth of 2.5 feet. Based upon data from the Phase I RI and previous investigations, several potential site-related contaminants were identified (DAMO06):

- Groundwater: none
- Surface water: 2,4,6-TNT, RDX, water-soluble nitrate/nitrite, water-soluble sulfate, sodium, arsenic, lead, aluminum, and manganese.
- Sediment: Dieldrin, PCB-1260, water-soluble sulfate, lead, magnesium, manganese, mercury, and silver.

Based on the PRG screening and the risk assessments results no further action was recommended for Doyle Lake (DAMO29).

### L13 GROUP 68

Group 68 consists of 23 igloo-type magazines on 85 acres that were used to store fuzes before 1965. After 1965, according to JAAP personnel, the fuzes were stored elsewhere or shipped directly to the load lines. Access to the magazines is provided by blacktop roads, unlike the magazines in Groups 66 and 66A (L29 and 30), which were served by railroad. Historic aerial photos revealed a fenced-in area in the northeastern corner of Group 68. A site reconnaissance in June, 1991 revealed no evidence of contamination and the fenced-in area was identified as a cattle corral (DAMO11).

Alliant Techsystems, Inc., formerly stored drums of RDX- and HMX-based sludge in one of the 23 magazines (68-14) in accordance with a RCRA permit. These drums were transported off-site and disposed of at a RCRA-permitted facility in 1993 (DAMO11).

In April 1987, a spill of three cubic feet of waste explosive sludge (cyclotrimethylene trinitramine) was discovered in 68-15. On May 9, 1987 the spill was cleaned-up (HWYL01, HWYL02). In 1990, a trailer containing drums of RDX sludge was observed in the central portion of the site. No spills of materials were reported. However, according to Alliant Techsystems personnel, one of the RDX drums near the trailer burned uncontrollably on July 23, 1990. This fire occurred approximately 60 feet from the southeastern corner of magazine 68-15, on the paved road. After the fire, no visible explosives residue remained and the area was cleaned (DAMO11).

In 1991, a detailed follow-up site reconnaissance including the inspection of each Group 68 magazine was conducted. Drums and boxes containing explosives, projectiles, fuzes and miscellaneous materials set on pallets were observed in some of the magazines; however, no evidence of any substantial potential spills, leaks or stained areas was noted during the inspection. According to Alliant Techsystems, all of the magazines are inspected monthly, and any significant findings are reported to the appropriate regulatory agencies (DAMO11). According to the NPDES permit buildings 68-14 also stored

explosive scrap sludge and 68-18 and 23 contained hazardous wastes including carbitrol and contaminated rags.

A limited area of RDX (up to 4.59 mg/kg) and HMX (up to 56 mg/kg) contaminated soil was found during the Phase 2 RI. The estimated volume of contaminated soil is 23 cubic yards and resulted from the fire adjacent to magazine 68-15. The data indicated that the contaminants have not migrated from the area of the fire (DAMO11).

In October 1995, USEPA inspected this area. Thirteen igloos were observed and one was entered. The soils around the entrances to the igloos and at the drains were visually examined for the presence of explosives. No evidence of explosive contamination was observed. Field test for the presence of TNT were conducted on soil collected from around the entrances and drains of igloos 68-5 and 68-12. The tests were negative for the presence of TNT or other related explosives. USEPA concluded that the site appears to be uncontaminated and suitable for transfer (EPAV04, DAMO29).

None of the estimated risk or hazard values exceeded the target criteria for potential future receptors including workers, residents or hunters (DAMO23).

## L14 GROUP 4

Group 4 is a 33 acre site located in the southwestern corner of the LAP Area, near Groups 5, 6, 7, 8 and 9. It was initially constructed to produce various types of fuzes (M48 P.D. Fuse and M51). Mercury fulminate was reportedly stored at Group 4, where it was loaded into the fuzes in the assembly line building (Building 4-14). After 1945, Building 4-14 was used for repackaging smokeless powder (DAMO11). Fulminates were also screened and blended in Building 4-4 (SPED01). The installation assessment indicates that a 40-mm high explosive cartridge (M406 with M551 fuse) was produced at Group 4. This involved melting and loading of Composition B (ARMY01). As of 1984, Honeywell, Inc. was producing the 25 mm Bushmaster in this group. The production involved feeding various metal parts, primed cases, projectiles, explosive pellets, an propellant into the line from outlying support areas. The completed round was loaded assembled, and packed for shipment. The projectiles were charged with PBXN-5 pellets in building 4-14 where tracer pellets were also loaded (HYWL04).

Building 4-21, the testing laboratory, was used by an Ordnance Surveillance Unit to conduct various tests and to record temperature and humidity data in the igloos and magazines (ACOE06). Building 4-21 was later used to mix adhesives and sealants used in munitions production (ARMY01). Three buildings (4-22 A,B, and C) located just north of 4-21 were used as storage for the test laboratory (SPED01).

A sump north of Building 4-5 is reported to have periodically overflowed. Alliant Techsystems, Inc. reported that red soil was evident around the sump, suggesting potential soil contamination. During the site reconnaissance in November 1992, it was noted that runoff from the area of contaminated soil flowed to the storm sewer system. Under the direction of Alliant, Group 4 was used to assemble ammunition for the 25-mm Bushmaster family (DAMO11).

Historic aerial photos of L14 revealed several additional areas of potential concern. Tonal differences in soil were observed between Building 4-5 and 4-6, east of Building 4-14, and northeast of Building 4-21 at the northern end of the site. A soil core was collected from the area north of 4-21 as part of the Phase 1 RI and was analyzed for explosives, metals and anions. No explosives were detected but several metals were found. However, the Phase 1 RI concluded that metals were not site related at this location (DAMO06).

During the Phase 1 RI sampling, oil-stained sediment with a noticeable petroleum odor was observed in the drainage ditch near Group 4 during the collection of a sediment sample. The staining was observed to begin at a depth of 0.5 foot and extend to about 2 feet. The exact source of this potential contamination could not be determined; however, the ditch receives effluent from a storm sewer outfall from Group 4. Stained sediment was also observed in a sample in the drainage ditch near a storm sewer outfall from Group 5 (DAMO11).

The Baseline Human Health Risk Assessment determined that chemical exposures to RDX and TNT are above the risk criteria for the current security worker and industrial worker scenario. With the exception of the risks and hazards calculated for the resident child's exposure to surface water, the calculated risks and hazards exceeded both the risk and hazard criteria for all receptors and pathways (soil and groundwater) that were evaluated at this site. For the soil pathway, risk and hazard exceedances were identified for the entire site and for the Sump Area Hotspot, mostly due to RDX and 2,4,6-TNT at the hotspot. For groundwater, the major chemical contributing to the exceedances was RDX (DAMO23).

Based on environmental data from the Phase 2 RI and previous field investigations, the following potential site-related contaminants are identified at Site L14 (DAMO25):



- Soil: 1,3,5-trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2-nitrotoluene, HMX, and RDX.
- Groundwater: 2,4,6-TNT, nitrobenzene, HMX, and RDX.
- Surface water: 1,3-dinitrobenzene, HMX, RDX, lead, and silver.
- Sediment: 2,4,6-TNT, HMX, RDX, petroleum hydrocarbons, lead, and mercury.

Soils could be classified as RCRA hazardous waste at this site due to the concentration of 2,4-DNT (0.35 ppm) in one sample. Collection of additional data was recommended to determine if the actual leachable concentrations of 2,4-DNT exceeds its RCRA toxicity characteristic limit. Two additional wells were proposed downgradient from the sump to monitor lateral extent of explosives in the groundwater. Also, it was recommended that a sediment sample from SE576A (and a sample from SE586, at Site L15) be analyzed for petroleum hydrocarbons as well as BTEX compounds (DAMO25).

A small, localized plume of explosives contamination was identified in the shallow groundwater at this tract (DAMO08). Based upon the lack of any calculated current risk to human health and the lack of risk under the future use scenarios tested for groundwater, the FS recommended that monitoring continue, and groundwater use and uncontrolled excavation be restricted. No other action was to be taken for groundwater (DAMO22).

### L15 GROUP 5

Group 5 is located adjacent and west to Group 4 and covers about 33 acres. There were 33 buildings in this area arranged in a manner similar to Group 4 and operations in the two groups were also similar (DAMO11). Initially, Group 5 produced several types of munitions fuzes (including M51) (DAMO11, HIST18). Following the explosion in Group 2, fuzes and boosters were loaded into antitank mines here starting in February 1943. The mines had been loaded the previous summer in Group 2 (HIST53). Mercury fulminate was reportedly stored here, where it was loaded into the fuzes in the assembly line building (Building 5-14). For a one year period around 1950, Group 5 reportedly had several acid dip tanks for metal parts cleaning in Building 5-14. During Honeywell's baseline study of L15, pools of lead azide and tetryl were observed in several Group 5 buildings. The site was used by Alliant Techsystems, Inc. to produce the GAU-8/A 30 mm bullet for the A10 aircraft. Historic aerial photos of Group 5 indicated a tonal difference in the soil west of Building 5-14 (DAMO11). In 1984 the GAU-8 production here included loading of projectiles with A-4 pellets, and zirconium incendiary pellets. Flashtubes for the munitions were loaded with BP-1 pellets (HYWL04).

Oil stained sediment and petroleum odor were observed during the Phase 1 sample collection from a drainage ditch near Group 5. The source is not determined although stained sediments were most obvious at a storm sewer outfall from Group 5 (DAMO11).

Based on environmental sampling data from the Phase 2 RI and previous investigations, the following are potential site related contaminants at L15 (DAMO11):

- Soil: 2,4,6-TNT and RDX.
- Groundwater: None
- Surface water: RDX, HMX, potassium, silver, and sodium.
- Sediment: Water-soluble sulfate, mercury, silver, zinc, and petroleum hydrocarbons.

None of the estimated risk or hazard values exceeded the target criteria for potential future receptors (DAMO23).

## L16 GROUP 6

Group 6 comprises approximately 90 acres and was primarily used to produce fuzes (M103) and boosters (M102 and M104) for munitions (JAAP08, ACOE06). Also produced were M20, M20A1 boosters; bomb nose fuse An-M103 and anti-tank mine fuses (HIST18). Non-metallic mines (M14) were later produced in this area (DAMO11). The only incident identified at Group 6 occurred in 1942 when a detonator exploded as it was being crimped in a M103 bomb fuse (HIST52). There were 26 buildings in this Group, connected by covered walks and ramps and dispersed for safety (JAAP08).

A concrete trough extends from a sump at the south end of Building 6-4 and runs westward in a tile drainage ditch which discharges to other drainage ditches. Two additional sumps were also identified. One is in the northwest corner of Building 6-2, and the other is on the south side of Building 6-32. The sump at 6-32 drains to a solid concrete trough that runs eastward before discharging to a ditch northeast of the building (DAMO11). The composition of the wastewater discharged to and from these sumps is unknown. Most of the assembly activities took place inside buildings, and other than the discharge of wastewater to the sumps, there are no records of the site being used for disposal activities (DAMO25). Mercury fulminate was reportedly stored here (BICO01).

Historical aerial photos revealed tonal differences in soil near buildings 6-4 (the tetryl pelleting house), 6-6 (booster assembly) and 6-9 (jumble and jolt booster test building) (DAMO11).

The Baseline Human Health Risk Assessment determined that chemical exposure to RDX is above the risk criteria for the current security worker and industrial worker scenarios tested. With the exception of the hazard calculated for the hunter's exposure to soil at the entire site, calculated risks and hazards for all other future populations exceeded the criteria for the entire site and for the Building 6-32 sump hotspot. Both the risks and hazard exceedances are due to the presence of RDX in soil at the hotspot (DAMO23).

Based on environmental data from the Phase 2 RI and previous investigations, the potential site-related contaminants identified at Site L16 are listed below (DAMO11):

- Soil: HMX, RDX, 2-nitrotoluene, antimony, iron, sodium, and thallium.
- Groundwater: none.
- Surface water: HMX, RDX, and lead.
- Sediment: Water-soluble sulfate, cadmium, selenium, and silver.

The Phase 2 RI identified a previously unknown area of soil contaminated with high levels of the explosives RDX and HMX in surface soil samples and in samples from a 2.5 foot depth, indicating a potential for contamination of the shallow groundwater. Installation of three additional wells was recommended to evaluate the potential extent of groundwater contamination. In addition, explosives screening of soils was proposed to delineate the extent of explosives contamination in the soils in the vicinity of the Building 6-32 sump (DAMO25).

## L17 GROUP 7

L17 consists of approximately 90 acres and was primarily used to produce boosters for munitions. This area was also used for the repackaging of lead azide and production of the 40-mm M397E2 high explosive cartridge. Historical aerial photos also showed soil tonal differences in the soil near Buildings 7-4 (tetryl pelleting house), and 7-9 (jumble and jolt booster test building). A sump is located at the southern end of Building 7-4, and a terra cotta flume drains to the west away from the sump to a drainage ditch. The constituents in the wastewater discharged to and from these sumps is unknown. Most of the assembly activities took place inside buildings, and other than the discharge of wastewater to the sumps, there are no records of the site being used for disposal activities (DAMO25). As of 1984, this group was used by Honeywell, Inc. for production of the 30 mm Light Weight HEDP (HYWL04). Group 7 is currently included in the mobilization plan for production of LW30-mm caliber ammunition by Alliant. The only buildings currently used are on the eastern side and are used for maintenance shop activities (DAMO11).

A small explosion occurred involving a tetryl pellet in March, 1942. Damage included blowing the top of the machine through the roof of the pelleting bay; little damage was done (HIST18, HIST51).

The Baseline Human Health Risk Assessment indicates that total carcinogenic risks exceed the risk criterion for both the current security and industrial worker scenarios mostly due to PCBs. Calculated risks for exposure to soil exceed the risk criteria for all future receptors that were evaluated. The risks are primarily derived from the presence of PCBs in soil in the ditches (DAMO23).

Based on environmental data from the Phase 2 RI and previous investigations, the potential site-related contaminants identified at Site L17 are listed below (DAMO11):

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- Soil: RDX, tetryl, and mercury.
- Groundwater: none.
- Surface water: HMX, total phosphorus, aluminum, and lead.
- Sediment: PCB 1242, PCB 1248, cadmium, and selenium.

PCB concentrations above 50 ppm were found in sediments/soils from a ditch on this site. PCBs are regulated under TSCA; no additional data is required for their classification. None of the other constituents detected in soils or sediments from this site had the potential to cause these media to be classified as a RCRA hazardous waste. No further sampling was recommended (DAMO25).

## L18 GROUP 8

Group 8 (22 buildings) is located centrally in the western part of the LAP Area. Prairie creek flows south of the site. Past operations at Group 8 and 9 were similar to those described for Group 4 (L14). Operations included the production of primers, detonators and relays. Delay elements and mercury fulminate were also manufactured and stored at these facilities (DAMO11). Group 8 loaded M31 and MIBIA2 primers (ACOE06, HIST18). Munitions testing was conducted at the three indoor test ranges located in the group. The ranges were constructed in the 1980s and continue to be used for testing of small caliber munitions (up to 30 mm) (MEMO05). Range 3 in Group 8 was used for testing of depleted uranium munitions between 1983 and 1987 (FIEL01, SEGI01).

In about 1986, surface scans for radioactivity were conducted by Alliant in Group 8. No elevated readings were found (MEMO05).

Spent sand from range 3 stockpiled outside resulted in uranium contamination of the area. Some of the stockpiled sand was subsequently moved to the projectile catcher at range 2 where DU contamination was identified. Some sand was scattered along the road when the sand was moved to range 2. Some residual contamination was also identified in the sally port of range 1 (SEGI01). Alliant Techsystems is currently conducting a investigation and clean-up of this contamination in accordance with NRC regulations which specify clean-up to an average of 15 pCi/g (SEGI01, MEMO05). Outside areas with readings above 15 pCi/g are all within the Group 8 perimeter road (MEMO05). During the December 1995 survey, numerous large sealed bags containing sand and piles of sand associated with the firing range at which DU munitions were fired were present around the Group 8 perimeter. These bags contained sand from DU clean-up activities. Some of these bags were observed east of Group 8 and within the boundaries of L112. Alliant reported that 320 cubic yards of sand has been removed and removal of an additional 280 cubic yards is planned. The ongoing remediation of the area and a summary report on the remedial action are scheduled to be completed in the summer of

1996. Testing of the munitions continues to date at this Group. The other two test ranges are currently in operation but have not been used to test DU munitions (FIEL01).

Spent sand containing projectiles from all of the range backstops has periodically been removed and stockpiled outside of the ranges. Unexploded projectiles are present in the sand piles. Alliant Techsystems is currently soliciting bids to define the extent of UXO contamination and to remove all projectiles and fragments (MEMO05). Alliant reports that chemical analysis of the sand piles has been done but the report containing the results could not be obtained at the time of this report.

In 1986, the facilities in Group 8 were involved in the demilitarization of 25 mm shells. In building 8-9, primers were removed from the cartridge cases. In December 1986, two detonations of primers (11 on one day and 400 on the next day) occurred in building 8-9 (HWYL03).

During the 1995 PAS field survey, a fire training demonstration area was identified immediately north of Group 8. The area was a former building foundation surrounded by a row of cinder blocks. The area contained a black residue and a number of burned tires. The residue was field tested for the presence of PCBs. The tests indicated that PCBs were not present at levels above 0.5 ppm. Evidence that cattle had access to this area was noted (FIEL01).

The calculated human health hazard at Group 8 exceeded the hazard criteria due primarily to the presence of manganese in groundwater (DAMO23).

Based on data from Phase 2 RI and previous investigations, the following potential site-related contaminants were identified at Site L18:



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Site L18:

- Soil: None
- Groundwater: nitrate, chromium, manganese, and sodium
- Sediment: DDT, dieldrin, and heptachlor

The elevated levels of water soluble nitrate/nitrite and pesticides appear to be related to agricultural activities in the area (DAMO25).

Based on a comparison of the PRG screening and the risk assessment results L18 is considered to be a no further action site. However, final regulatory approval has not yet been received (DAMO29).

## L19 GROUP 9

Group 9 (46 buildings) is located centrally in the western part of the LAP Area. Prairie creek flows south of the site. Past operations at Group 9 were similar to those described for Group 4 (L14). Operations included the production of primers, detonators and relays. Delay elements and mercury fulminate were also manufactured and stored at these facilities (DAMO11). Group 9 produced detonators for M20 boosters, M48 and M51 fuses; and relays for the M48 fuses (ACOE06, HIST18).

During recent site inspections, drains were noted to lead from Buildings 9-3A (Lead Azide Dry House) and 9-6 (Mercury Fulminate Dry House). Given the location of the drains and the presence of collection gutters around the perimeters of the insides of these buildings, it appears as though the periodic washdown of these buildings may have been discharged through these drains to the ground outside of the building and then flowed into storm drains that reportedly ran to the wastewater treatment plant (Site L20) (DAMO25).

Based on data from Phase 2 RI and previous investigations, the following potential site-related contaminants were identified at Site L19:

Site L19:

- Groundwater: Water-soluble nitrate/nitrite.
- Surface water: 1,3-DNB, RDX, and silver
- Sediment: dieldrin

The elevated levels of water soluble nitrate/nitrite and pesticides appear to be related to agricultural activities in the area (DAMO25).

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It was proposed that soil cores be taken at the point where drains exit Buildings 9-3A and 9-6. The samples at 9-3A would be analyzed for total and TCLP lead because lead azide was dried in this building and samples at 9-6 will be analyzed for total and TCLP mercury because mercury was dried in this building (DAMO25).

Based on a comparison of the PRG screening and the risk assessment results L19 is considered to be a no further action site. However, final regulatory approval has not yet been received (DAMO29).

## L20 GROUP 20

L20 is the location of the currently operating sewage treatment plant at the LAP Area. The effluent is discharged to Prairie Creek. Sludge collected from the secondary tank was previously disposed in the sanitary landfill at L21 (Group 23). Before this landfill was opened in 1983, the sludge was transported to the MFG Area for disposal at the Gravel Pits (M13)(DAMO06). Sludge currently is removed off-site by a contractor (FIEL01).

The plant was build in the 1940s and used sedimentation, trickling filtration and chlorination for wastewater treatment (TRWI01). Prior to 1950, when the design capacity of the plant was exceeded, part or all of the treatment system was bypassed and wastewater was directly discharged to the creek at the outfall. By the time that the Phase I RI was conducted in 1991, wastewater was no longer allowed to bypass any part of the system (DAMO06). The treatment plant is currently operated by Alliant Techsystems, Inc. in support of their activities. Due to the limited amount of solids in the wastewater treated, only the trickling filter is currently in use. The bench chemicals from the water laboratory at the treatment plant were being prepared for off-site disposal in December 1995 as they were no longer required (FIEL01).

As part of the Phase 1 RI, a sediment sample, surface water sample, and duplicates of both were collected at the plants outfall to Prairie Creek. RDX, bromodichloromethane, and chloroform were detected in surface water at the outfall but not in samples collected either up or down stream during the same sampling event. Lead and sodium were detected in surface water at the outfall at levels higher than the facility wide background. There was poor correlation between the sediment sample collected and its duplicate for barium, lead, and zinc which varied two orders of magnitude between the sample and duplicate. The highest detected concentrations for barium, lead, and zinc were 2350, 4250, and 1060 mg/kg, respectively. The Phase 1 RI concluded that the high metal

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concentrations were anomalous and no site-related contamination was found at L20. It was recommended that no further action be taken at L20 (DAMO06).

No information concerning the closure of the sludge drying beds at this site has been found.

## L21 GROUP 23

L21 is located in the vicinity of the Central and Chicago Roads intersection in the central part of the LAP Area and is a utility area consisting of several miscellaneous structures, shops, storage sheds, the central fire station (Group 24), and a sanitary landfill. It includes a 1-million-gallon water reservoir (DAMO06). There was also a water treatment plant here in 1959 (JAAP08). Several pump houses, a water tower associated with the East and West production wells, and a former residence serving as office space for the Superintendent of Water and Sewers were located in this group (DAMO06).

A sanitary landfill along the southern boundary near L25 operated from 1982 to 1992 and was permitted by the State of Illinois (DAMO06). This landfill is currently closed and the cap appeared to be in good shape during the PAS survey in December, 1995 (FIEL01). Household trash, plant trash, construction debris and sludge from the sewage treatment plant reportedly were disposed in the 2-acre landfill (DAMO06).

Two flooded pits located north of MW 132, across Prairie Creek, were evident in a 1946 aerial photograph. These pits were not evident in earlier photographs, but are present in the most recent photos. A berm appears to extend along the northern face of the western pit. During the 1991 site reconnaissance, both pits were filled with water, and no sign of dumping was evident. Both pits were also highly vegetated and overgrown. The berm along the northern side of the western pit appears to be the escarpment of the excavation. Based on the low elevation of the area, it appeared as though these pits were used as borrow pits to build the road and bridge that crossed Prairie Creek at this location (DAMO06).

Areas of potential concern identified in historic aerial photos include a former coal storage area with some possible drums near buildings located north of the West Well; a loading dock at the northern end of a road in the central portion of L21; and two concrete pads-one each at the eastern and western ends of the site (DAMO06).

These sites were inspected during the June 1991 site reconnaissance. At the coal storage area, no evidence of environmental impact was observed nor were any drums present. Black, loosely packed asphalt material was observed on the former roads in the area. No vegetative stress or soil staining was evident, and the area was well vegetated with grass. At the loading dock, there was no sign of vegetative stress or contaminated soil; a 24-inch aboveground steel pipe was observed leading toward a small mound located to the west of Building 61-39. The pipe terminated prior to reaching the mound and was aligned with a frame located in the building. No environmental impact, such as soil staining or stressed vegetation, was evident around the pipe or berm. No environmental impact was observed at the concrete pads, and both were overgrown with trees, grass and shrubs. Metal reinforcement bars protruded upward from the western pad. The eastern pad appears to be a perimeter type of foundation and was broken up by tree roots (DAMO06). Building 61-7, which is in the same general vicinity, was originally constructed and used for ammonium nitrate crushing and drying. As of 1959, buildings 61-7 and 61-11 were occupied by Armour Research Foundation performing contract work under the direction of The Chicago Ordnance District (JAAP08). A former employee reported that the work in the building included the research and development of the "throw away" cartridge (FIEL01). In 1978, Building 61-7 was used for rework of 109,000 105 mm HE, 1CM, M444 complete rounds. The rounds had been rejected due to defective propellant charges (HIST34). The building was also occupied by the Uniroyal safety office (FIEL01).

The September 1996 PAS field survey visited buildings 61-7. Conveyers with stations separated by 3/8 inch steel blast shielding are present towards the west end of the building. Two depriming presses were present. One of the offices in the east end of the building contained what appeared to be inert ordnance items. These items were removed and secured for disposal by UXO personnel from ETSC. Building 61-39 is a three sided concrete structure whose open side is in line with the opening of a large steel pipe. The pipe is perpendicular to 61-39 and terminates in a steel box containing a deflector; the box is set into a berm. All steel plates of the box are of about 2 inches in thickness. A

small indentation in the plate seems to indicate that projectiles were fired here. An angle iron frame work is suspended over the box so as to hang sheets of metal or other materials. It appears that this area was designed for firing of projectiles possibly up to 40 mm. The concrete slab of structure 61-39 contained flanged rails with bolt holes similar to that for securing a gun mount and a hole in the opposing concrete wall which was possibly employed for remote firing. The interior offices of 61-7 contained files which suggest that this facility conducted surveillance of munitions. Mr. Henry Miller former safety and security head stated that research in munitions occurred here and that some munitions were also disassembled in 61-39 (FIEL01). Standard operating procedures (SOPs) found in this building indicate that a significant volume of "live" munitions were demilitarized in 61-7. The SOPs are currently being added to the JOAAP reference library and will be included in the bibliographies of future reports.

The RI reconnaissance at the loading dock also covered an area south of Building 61-39, where a small power house (Building. 61-11) and an AST, a UST, and a fill pipe were located. The fill caps for both tanks were removed, and the tanks were observed to be filled with liquid that had a strong petroleum odor. The UST survey performed by the USACOE indicates that this UST (JAAP Tank number 45) contained fuel oil #2 and had a capacity of 4,000 gallons. Markings on the AST identified the tank as containing flammable liquid. Pipes from the AST led into the building and to a below ground concrete sump covered with black steel plates, which could not be removed. No evidence of spills or staining was observed around either of the two tanks (DAMO06).

Sampling conducted in study area L21 has been limited to collection of groundwater samples in the southwestern portion near the sanitary landfill. Manganese and sodium were detected at slightly elevated levels in groundwater downgradient of the landfill, which may indicate site-related contamination. No other contaminants of concern have been identified (DAMO06).



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At the southwest corner of the intersection of Chicago and Central Roads, several foundations, black slag-like material, and some broken laboratory glassware were found (FIEL01).

**L22 GROUP 25**

Group 25 is located in the north-central portion of the LAP Area and covers about 20 acres. This area was a classification yard for receiving supplies shipped to JAAP by rail (DAMO23). The shipments were then delivered throughout the LAP Area by plant personnel and equipment (JAAP08). The off-loading and transfer of materials in this area may have caused surficial spillage of contaminants, though no spills were reported or documented. Site personnel concluded that the potential for contamination due to spills was minimal, and an army review of historical aerial photography revealed no areas of concern. Therefore, no samples have been collected in this area (DAMO06).

Based on a comparison of the PRG screening and the risk assessment results L22 is considered to be a no further action site. However, final regulatory approval has not yet been received (DAMO29).

## L23 GROUP 27

Group 27 covers approximately 80 acres and was used primarily as an inert material storage area that was serviced by rail. The site contains 22 warehouses, as well as a small pit. It is not known what type of wastes were disposed in the pit. All warehouses have rail and truck access and unloading facilities. JAAP personnel consider the potential for contamination in this area to be minimal (DAMO25; DAMO13).

Historical photos for L23 suggest that a small (less than 0.5 acre) disposal pit was located in the southwestern corner of Group 27 in 1946. However, aerial photos from 1952 indicate that disposal activities had ceased. Also, an access road leading to the pit, which was evident in earlier photos, was not apparent in more recent photos. Aerial photos revealed several former storage areas at the northern and western boundaries of Group 27. However, according to JAAP personnel, only inert material was stored in these areas (DAMO13).

Empty metal drums for 75 mm and 105 mm charges were stored outside west of Group 27 in 1971. These drums were stored in Group 62 after unloading for out-loading in order to be reused for propellants. In Group 62 the drums were noted to contain loose propellant, single propellant bags, and some had complete charges. Therefore, the drums were considered contaminated when sold in 1971 from Group 27 (UCCI13).

During the 1995 PAS survey, numerous apparently empty propellant and tracer containers were observed in building 27-17 (L23). Some of the propellant containers are marked 1X. Equipment believed to have been used in production operations was also observed in several of the buildings. The decontamination status of the equipment is not known (FIEL01).

Only surface and subsurface soil samples have been collected at L23 and only in the disposal pit area. Based on analytical data collected during the Phase 1 and Phase 2 RIs, the site-related contaminants in the disposal pit at Site L23 include:

- Soil: 2,4,6-TNT, 2,6-DNT, 2-nitrotoluene, nitrobenzene, antimony, barium, cadmium, chromium, copper, iron, lead, manganese, mercury, nickel, potassium, selenium, silver, sodium, thallium, vanadium, and zinc (DAMO25).

Spent sandblast grit from water tower maintenance in 1991 or 1992 is known to have been spread on agricultural tract 14 on the east side of L23 (MEMO09). The sand may have contained lead based paint residues. No samples have been collected in this area.

In October 1995, USEPA collected two samples in Group 27 and analyzed them for TNT using a field test kit. One sample was located near the southwest corner of 27-19 and one near the northeast corner of 27-2. Both sample results were considered negative for the presence of TNT (WEST01).

Calculated risks for the future construction worker and resident scenarios indicated that the only those hypothetical populations exceeded acceptable levels for both the calculated risks and hazards. For the construction worker scenario, the hazard was exceeded due to cadmium and nickel. The calculated risk for the construction worker scenario exceeded the criterion, primarily due to the presence of manganese and antimony in soil. For the resident scenario, the calculated hazard was exceeded primarily due to the presence of antimony in the soil. Lead in soil may contribute to the risks and hazards calculated for this site (DAMO23).

Cadmium, chromium, and lead may be present in soils at the disposal pit at levels that would classify the soil as a hazardous waste. Additional soil sampling is planned in order to determine if the soils are a hazardous waste (DAMO25).

**L24 GROUP 29**

Group 29 is located in the northwestern portion of the LAP Area and covers approximately 4 acres. It was formerly used as a classification yard for receiving incoming supplies transported by rail (DAMO23). Operation along the central portion of the tracks in this area included the loading and off-loading of assembled munitions packed in crates. According to JAAP personnel, no incidents involving spills were reported. According to the RI, environmental media do not appear to have been impacted by site activities. No environmental samples have been collected to characterize the site because there is no evidence of potential contamination from previous site (DAMO06).

## L25 GROUP 62

Located in the south-central section of the LAP Area, directly south of L21 (Group 23), Group 62 is a 280-acre area consisting of 20 warehouses used to store inert materials. All warehouses have rail and truck access and unloading facilities. Eleven of the warehouses are in the southern portion of the group and nine are in the north. No spills of potentially hazardous material are documented for this area and JAAP personnel report no potential for contamination at L25. A review of historical aerial photographs indicated that a large pile of dark material (possibly metal) was located north of the northern warehouse area. In addition, various unknown materials were apparently stored outside the warehouses (DAMO06).

Empty metal drums for 75 mm and 105 mm charges were transported to Group 62 from the operating groups after emptying for out-loading in order to be reused for propellants. While in Group 62 the drums were noted to contain loose propellant, single propellant bags, and some had complete charges. Some time in 1971 or before, the drums were moved to Group 27 (UCCI13).

In 1991, the warehouses were observed during the RI site visit to be used for storage of excess equipment, including office furniture, chairs and other non-hazardous materials. No soil staining or otherwise potential contamination was observed around the buildings. Two 250-gallon ASTs were observed in the southern warehouse area, and one 250-gallon AST was observed in the northern area. No evidence of spills or stained soil was observed under or around the ASTs. The dark material observed in the aerial photographs was not visible during the site reconnaissance nor were stains or stressed vegetation observed in the area (DAMO13).

Two soil samples were collected from the area where the dark material was identified in the aerial photographs area during the Phase 1 RI. The samples contained arsenic, calcium and magnesium which were identified as possible site related contaminants.

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Two additional soil samples were collected in the same vicinity and two site specific background samples were also collected during the Phase 2 RI and were analyzed for metals. Except for arsenic, all metal concentrations were below naturally occurring levels. It was determined that regional anomalies may exist in the distribution of arsenic and the elevated concentration is not site related. No potential site-related contaminants are identified at L25 (DAMO13).

In October 1995, USEPA collected four samples in Group 62 and analyzed them for TNT using a field test kit. Samples were located near the southeast corner of 62-1, north end of 62-10, northeast corner of 62-12, and near the northwest corner of 62-20. All sample results were considered negative for the presence of TNT (WEST01).

### L26 GROUP 63

Group 63 is a 360 acre area, consisting of 78 igloo type magazines which stored high explosives, smokeless powder or finished ammunition. Each igloo is earth covered and measures 29 by 41.5 feet (JAAP08). No incidents involving spills of hazardous material were documented or reported by site personnel. No areas of concern were identified during a 1991 site reconnaissance or historic aerial photograph review (DAMO06).

Several samples were collected in the vicinity of L26 between 1981 and 1986. Groundwater results did not show any indication of site related contamination but surface water and sediment samples contained anions, metals, semivolatiles. The surface water sample also contained volatile organics (DAMO06). During the Phase 1 RI, two groundwater samples (from nearby farm wells), and three surface water and sediment samples were collected. Zinc was the only analyte detected in groundwater that was considered to be site related. However, it is likely that the presence of zinc was from the well casing rather than contamination. The Phase 1 RI identified no potential site related contaminants for groundwater, surface water or sediment at L26 (DAMO06).

In October 1995, USEPA inspected Group 63. No areas of stressed vegetation were found. Box cars were stored on several of the railroad tracks and numerous iron oxide colored stains were present on the track ballast. Several stained stones tested negative for the presence of TNT. At 40 of the igloos (63-1 through 63-1463-29 through 63-43, 63-68 through 63-78, and 63-50), a spade full of dirt was turned over under one or both drains and examined for visible evidence of explosives or other contaminants. Soils at the door were also examined to a depth of several inches. USEPA also entered and observed five igloos all of which were clean and empty. Five samples in Group 63 were collected and analyzed for TNT using a field test kit. Composite samples were collected around the entrances and drains from bunkers 63-1, 63-8, 63-14, 63-50, and 63-73. No evidence of TNT or other explosives was found in the samples (EPAV04).



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During the summer of 1996, a team from the USAIOC Safety Office conducted inspections of the magazines in Group 63 to evaluate the explosive classification of the buildings and reassign a new classification if appropriate. All magazines were determined to have an explosive classification of '0' (DOTA27).

## L27 GROUP 64

Group 64, located in the east central portion of the LAP Area, consists of 280 acres (DAMO06). The Group contains 34 standard 50 by 500 foot above ground storage magazines; constructed with concrete floors and brick walls (JAAP08). The area was used for the storage of high explosives, smokeless powder, and finished ammunition. No incidents involving spills of hazardous material were documented or reported by site personnel in this area. Historic aerial photos revealed a storage area northwest of the site near the gatehouse; no information is available on the types of materials previously stored in this area which is part of L118 (DAMO06). Activities conducted here do not appear to have generated any regulated wastes. Explosives that were stored here do not appear to have reacted, generated wastes or caused any contamination (DAMO25).

During the Phase 1 RI and previous investigations (1989 and 1990), soil samples were collected around buildings 64-3 through 64-8. TNT, lead chromium and nitrate were detected in the 1989 study. TNT was detected at low levels in only one of the two composite samples and was not found when the area was resampled. It was concluded that widespread explosive contamination of the area has not occurred. Paint chips observed on the ground at site L27 were found to contain high levels of lead and chromium; however, they do not appear to have contaminated area soils (DAMO06).

In October 1995, USEPA collected and analyzed four samples from Group 64 for TNT using a field test kit. Samples were collected in front of buildings 64-2, 64-9, 64-21, and 64-30. All sample results were considered negative for the presence of TNT (WEST01).

Building 64-34 was designated as a PCB storage area for contaminated equipment (ACOE04, UCCI01). During an audit in 1986 this building contained a drained transformer (ACOE04). Building 64-5 was used for hazardous waste storage (CDK01).

### L28 GROUP 65

Group 65 is a 180-acre facility consisting of 33 igloo-type magazines located in the southeastern section of the LAP Area, northeast of Doyle Lake. High explosives, smokeless powder, or finished ammunition were stored in the igloos. The igloos are arranged into five evenly spaced rows, and are provided with lightning protection (DAMO06). In 1959, the group was used for storage of items use in production of a classified nature (JAAP08). Two administration buildings, potentially containing hazardous materials, are also located at L28. No potential areas of concern were observed during the 1991 site reconnaissance or historic aerial photointerpretation (DAMO06).

In 1985 and 1986, two farm wells were sampled for explosives, and none were detected. During the Phase 1 RI two groundwater samples were collected and 1,3-dinitrobenzene was detected in one of the wells. This detection is believed to be false as confirmation samples collected during the Phase 2 RI did not find this compound. No site-related contaminants have been identified in groundwater at L28 (DAMO13).

In October 1995, USEPA inspected Group 65. One row of igloos was in use by Alliant at the time of the inspection and no attempt was made to enter these. No areas of stressed vegetation were found. Several of the railroad tracks had box cars stored on them and many of the tracks had iron oxide colored stains on the ballast. Several stained stones were tested for the presence of TNT with negative results. At 14 of the igloos (65-6, 65-11, and 65-20 through 65-33), a spade full of dirt was turned over under one or both drains and examined for visible evidence of explosives or other contaminants. Soils at the door were also examined to a depth of several inches. USEPA entered and observed igloos 65-20, 65-22, 65-24, and 65-27 through 65-31 all of which were clean and empty. No visual evidence of explosives was found around the igloos observed. USEPA collected and analyzed five samples TNT using a field test kit. Composite samples were collected around entrances and drains of 65-6, 65-11, 65-21, and 65-33. No evidence of TNT or other explosives was found in the samples (EPAV04).

## L29 GROUP 66

Group 66 (L29) consisted of Igloo magazines, for the storage of finished ammunition. Group 66 covers 480 acres. The igloos were used to store high explosives, smokeless powder, or finished ammunition (DAMO06). Nine platforms in Group 66 were used for open storage of 155 mm shells (ACOE06).

In 1945, outdoor storage of 155 mm HE shells occurred in Group 66. This ammunition was scheduled for renovation or demilitarization. The reference indicates that all 650 pound TNT Navy depth bombs were to be removed by December 1946 (HIST60). A note on plant drawings indicates that outdoor storage platforms for storage of 155 mm shells was approved as of August 28, 1944. The nine platforms were located on the south and east sides of the group. Specifically, platforms were located between igloos 66-78 and 66-79, 66-80 and 66-81, 66-82 and 66-83, 66-84 and 66-85, 66-86 and 66-87, and three additional platforms on the south side of the rail spur in the south corner of the group (SPED01).

Buildings 66-86 to 88 were used to store hazardous waste since May, 1986. According to JAAP personnel, a RCRA Part B permit application was submitted for the three igloos in 1980, with several minor modifications since then. No spills or releases of any hazardous materials, which would have to be reported under terms of the Part B permit, have occurred in Group 66. These storage areas had contained PBX pellets, boxes of scrap Composition B, drums of mixed sludge, used gas mask canisters, 12 ounces of 2,3,4,6-tetrachlorophenol and used battery acid (DAMO06). On January 6, 1995, clean closure status was documented from the State of Illinois to JAAP related to these hazardous waste storage areas (bunkers 66-86, 66-87 and 66-88) (EPAV08, EDII01). As part of the closure process six soil samples were collected in front of each igloo. Polycyclic aromatic hydrocarbons were detected in one or two samples at each igloo (concentrations of individual polycyclic aromatic hydrocarbons ranged from 13.2 to 441  $\mu\text{g/kg}$ ) and low

levels (less than 1 ppm) of TNT were detected in one sample at 66-87 and 66-88. Di-n-butyl phthalate (1,460 µg/kg) and bis(2-ethylhexyl)phthalate (201 µg/kg) were detected in one sample at 66-87 and TCLP chromium was detected below the RCRA action level at one sample at 66-86 (EDII01).

Building 66-13 was used to store drummed liquid and solid PCBs (ACOE04, EPAV11). Historic aerial photointerpretation indicated no potential areas of concern in either area. Also, there has been no evidence of previous spills or releases at the sites (DAMO06). No samples were collected at Groups 66 or 66A prior to or during the RIs (DAMO06, DAMO13).

In October 1995, USEPA inspected Group 66. No areas of stressed vegetation were found in either group. Igloos 66-91 and 66-92 were locked and Army personnel reported that they might be in use by federal law enforcement agencies for storage of evidence. No utilities or storage tanks were noted in the area. At 66-32 to 66-42, and 66-74 to 66-88, a spade full of dirt was turned over under one or both drains and examined for visible evidence of explosives or other contaminants; none was noted. USEPA entered and observed igloos 66-34, 66-37, 66-42, 66-75, 66-78, 66-81, and 66-85 all of which were clean and empty. Composite soil samples were collected around the entrances and drains of igloos 66-1, 66-8, 66-57, 66-58, and 66-82. Field tests showed no evidence of TNT or other explosives at all locations except 66-1 (1.5 - 3.0 parts per million). The level of TNT detected was less than the preliminary remediation goals for JAAP (190 ppm for industrial use) (WEST01, EPAV04).

During the summer of 1996, a team from the USAIOC Safety Office conducted inspections of the magazines in Group 66 to evaluate the explosive classification of the buildings and reassign a new classification if appropriate. All magazines except for 66-7, 66-13, 66-24, 66-35, 66-45, 66-66 through 66-71, 66-81 through 66-84, and 66-86 through 66-88, were determined to have an explosive classification of '0'. Those not

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having a classification of "0" remain classified as 3x. For those magazines which remain classified as 3x, in most case, inspection was not possible due to contents hindering visibility. Most of the contents are subject to the on-going liquidation effort and the structures will be inspected for reclassification when empty (DOTA27).

### L30 GROUP 66A

Group 66A (L30) consisted of 41 magazines used for the storage of finished ammunition. Group 66A covers 320 acres. The igloos were used to store high explosives, smokeless powder, or finished ammunition (DAMO06).

No samples were collected at Group 66A prior to or during the RIs (DAMO06, DAMO13).

In October 1995, USEPA inspected Group 66A. No areas of stressed vegetation were found in either group. During the USEPA inspection of Group 66A, it was noted that a substantial number of apparently empty box cars were stored on the railroad tracks. No utilities or storage tanks were observed in the area. At 15 of the igloos (66A-100 to 66A-107, and 66A-116 to 66A-122), a spade full of dirt was turned over under one or both drains and examined for visible evidence of explosives or other contaminants. At several of the igloos a layer of yellow sand was found about one inch below the surface and soft yellow pebbles on the surface. Webster's solution tests of the sand and pebbles were negative for the presence of explosives. No other visual evidence of explosives or other contamination was noted around the igloos. USEPA entered and observed igloos 66A-103, 66A-106, and 66A-122 all of which were clean and empty. Composite soil samples were collected around the entrances and drains of igloos 66A-101, 66A-104, 66A-116, and 66A-121. Field tests showed no evidence of TNT or other related compounds (WEST01, EPAV04).

During the summer of 1996, a team from the USAIOC Safety Office conducted inspections of the magazines in Group 66A to evaluate the explosive classification of the buildings and reassign a new classification if appropriate. All magazines were determined to have an explosive classification of '0' (DOTA27).

### L31 EXTRACTION PITS

The Extraction Pits are located in the southwestern portion of the LAP Area and consist of three pits estimated to be 4 acres, 0.5 acre and 0.1 acre. They were designated as the gravel pit and the eastern and western borrow pits. During the 1991 site reconnaissance of the area, the western and eastern borrow pits were observed to be filled with water; with the smaller eastern pit serving as a watering hole for cattle. Neither of the two pits showed any evidence of landfilling or buried material. The large gravel pit is also believed to have been a borrow pit. The gravel pit did not appear to have been filled. Two small locations where concrete rubble had been dumped were observed in the area. No information is available on the histories of these pits. No potential site-related contaminants have been identified in L31 soils or surface waters (DAMO06).



**L32 GROUP 60**

L32 covers approximately 150 acres and contains administrative and residential buildings. Specifically, there are 19 administrative buildings and 29 family housing units (DAMO06). The area included a fire station (60-7), hospital (60-8) and general heating plant (60-11) (SPED01). Several heating oil storage tanks are/were located in the area and a debris pile is located in the northwest corner of the area. Eight of the houses were bought in the original land acquisition of JAAP (DAMO06, DAMO25).

Non-hazardous debris including scrap metal, wood, building debris, auto parts and concrete were observed in a pile during a site reconnaissance conducted in June, 1991. The debris pile was approximately 8 feet in height and no evidence of excavations was noted. Aerial photographs from 1988 indicated that a road extended to a debris pile, which is estimated to be 0.25 acre, in the northwestern portion of the site (DAMO25). Building 60-91 was a waste disposal shelter (HIST09).

During the Phase 2 RI, four surface soils and two subsurface (2.5 feet below land surface) soil samples were collected in the vicinity of the debris pile. The samples were analyzed for volatile organic compounds, anions, metals and semivolatile organics. The potential site related contaminants at the debris pile include lead, potassium, sodium, zinc, and petroleum hydrocarbons. The Phase 2 RI concluded that the extent of contamination is limited to the debris pile. The volume of material in the debris pile was estimated to be 100 cubic yards (DAMO13).

No listed hazardous wastes are known to have been disposed of in the debris pile at this site. Based on Phase 2 RI samples, the concentrations of contaminants identified in the pile would not exceed any RCRA toxicity characteristic limits and would not be classified as a hazardous waste. Two additional soil cores have been proposed to evaluate the extent of petroleum hydrocarbons in the debris pile (DAMO25).

### L33 PVC AREA

The Process Verification Area (PVC) Area is located in the central portion of the LAP Area and covers approximately 130 acres. The area is used by Alliant Techsystems, Inc. to test AT-4 projectiles (DAMO06).

Preproduction activities for AT-4 was scheduled to begin in September 1988. Tests of the propellant charge, fuze function, tracer function, complete rounds, and static penetration were planned for the AT-4. The round contains about one pound of propellant during each test. The fuze function test utilized a warhead containing about 0.1 pound of explosive. The live warheads used in acceptance testing contain 9/10 pound shaped charge designed to be armor penetrating. The catcher and static test cell are designed to contain possible shrapnel (HYWL09). This Area is currently used by Alliant as a test area for AT4 projectiles, which used TNT and RDX as explosive materials (DAMO06). The projectiles contain a copper shaped charge liner (HYWL09). These projectiles are fired at a steel plate, which is backed by a concrete wall imbedded in an earthen berm. No significant historical activities are documented. Photointerpretation does not show areas of potential historic contamination at this site (DAMO06).

Honeywell personnel stated that each projectile test fired at the present area is accounted for, and that no UXO would be present (DAMO06).

The Phase 1 RI data revealed only one potential source area, the projectile catcher berm. Two potential site-related contaminants were identified in soil: 2,4,6-TNT and RDX. The RI concluded that contamination was limited to surficial soil in a small area (DAMO06). No samples appear to have been collected near the static test facility.

None of the estimated risk or hazard values exceeded the target criteria for potential future receptors (DAMO23). Based on a comparison of the PRG screening and the risk assessment results L33 is considered to be a no further action site. However, final regulatory approval has not yet been received (DAMO29).

### L34 FORMER BURNING AREA

This former Burning Area is located in the central portion of the LAP Area, east of the PVC Area and consists of approximately 7 acres. Three separate areas of the site were used to burn materials and backfill materials. However, the RI found no information on what types of materials were in the area. No other areas of potential concern were identified by JAAP personnel, site reconnaissance or historic aerial photointerpretation (DAMO06). The Burning Area is depicted on maps from 1944 as having two areas one on either side of the plant railroad line (WDEP04).

In September 1996, L34 was visited as part of the PAS review. The Burn Area is divided into burning areas 1, 2, and 3. At the time of the PAS visit, Burning Area 3 which is to the south of the access road showed an area of sparse vegetation and little if any debris. Burning Area 1 was heavily overgrown and no debris was noted. Burning Area 2 which does appear to have issues of significance is to the north of the access road and runs north to border with Prairie Creek. A two foot diameter culvert discharges to the creek just east of the railroad bridge drainage feeds. Several capped pipes of about three inches in diameter were observed to protrude out of the ground in Burning Areas 2 and 3 (FIEL01).

Three drums were observed adjacent to the access road (one green salvage drum with nonhazardous waste sticker "OHM Chicago, IL PO# 1013003", an empty smokeless powder drum, and an unmarked empty drum) during the PAS visit. There was a 5 by 5 foot oil stain adjacent to the drums in Burning Area 2. A 3 by 4 by 2 foot metal box adjacent to the access road contained seven 1-gallon cans which may be full and a 5 gallon bucket was almost full with oily material labeled: "Texaco Marfak Multipurpose 2" (FIEL01). Texaco Marfak Multipurpose is a lithium based soap.

In Burning Area 2 just west of the railroad track were 5 drums, railroad ties, numerous broken white ceramic pieces, and intact round lids. One ceramic lid eight inches in diameter had a hole and black cap in it. Smaller metal lids were present and marked:

"3" -AA GUN M1918 M1.M3, and

"3" rounds (without fuze) shell HE, MK.1 75 mm GUN M1897.

Burning Area 2 also has numerous dirt mounds. There were also mounds of glass slag and a large amount of broken ceramic materials. Some of the ceramic materials and also metal was eroding from the stream bank into the stream bed of Prairie Creek. In this burning area two intact ceramic pieces, a lid like structure (8.5 inch diameter) and a bowl like item (8.5 by 2.5 inches) were recovered and turned over to ETSC UXO personnel. ETSC and Henry Miller both identified these items as parts of nonmetallic antitank mines and indicated that they may have originated from a demilitarization operation which would have included crushing of the casings. One of the mine casings when tested by ETSC personnel with an Exspray (EREZ Forensic Technology) test gave results positive for several types of explosives which could include RDX. This casing was retained by ETSC personnel. All observations were of surface conditions and no digging was attempted (FIEL01).

Nine surface and subsurface soil samples were collected from Burning Area 1 only in 1981. The samples were analyzed for anions, metals and base neutral acids. Sulfate and several metals were detected in the soils. Low levels (3 mg/kg or less) of 2,4,6-TNT and 2- and 3-nitrotoluene were detected. Eighteen samples were collected as part of the Phase 1 RI in 1991. No explosives were detected above the certified reporting limits. Based on environmental data from the Phase 1 RI, the following potential site-related contaminants were identified for each medium sampled (DAMO06):

- Soil: Fluoranthene, phenanthrene, pyrene, calcium, lead, magnesium, silver, and zinc.
- Surface water: None
- Sediment: Water-soluble sulfate

The semivolatile contamination was limited to low concentrations in a single sample. Calcium and magnesium were elevated across the entire site, while lead, silver and zinc were elevated only in Burning Area 1 on the west side of L34 (DAMO06).

None of the estimated hazard values exceeded the target criteria for potential future receptors (residents, hunters, industrial workers). No cancer risks were calculated since the contaminants of concern are not considered potential carcinogens. However, lead concentrations in soil may pose a health risk here as lead exceeded the target criterion in one sample (DAMO23).

### L35 FILL AREA

The Fill Area is located immediately west of Kemery Lake and Site L2 (Explosive Burning Grounds). It is heavily wooded 3-acre area containing several small, north-south trending ridges and furrows. Based on historic aerial photointerpretation, this area may be a former fill area where grading activities occurred. In photos from the 1940's small objects were evident along Kemery Lake, and a large rectangular object was located off the access road. By 1955, both the disturbed area and the road leading to it were re-vegetated (DAMO06).

During the Phase 1 RI, a geophysical investigation was performed to the extent of the potential landfilled area and to assess the presence of burned metal objects. The results of the geophysical survey discussed in the RI indicate that the area does not contain large amounts of buried material, and the site was not used as a landfill. In addition, two groundwater, two surface water, and four sediment samples were collected in the Fill Area. Although some metals were elevated in the surface water and sediment samples collected, it was concluded that they are not related to activities at site L35. No groundwater contamination was detected in the samples collected. Based upon these findings, no further action has been taken at this site (DAMO06).

## M1 SOUTHERN ASH PILE

The ash pile occupies about 8 acres (800 feet by 450 feet) and is 10 to 15 feet above normal land surface. The study area encompasses approximately 50 acres and is located in the southwest corner of the MFG Area (DAMO12). The ash pile is located along the South railroad track that services the magazines. The ash pile consists of residues from incineration of TNT manufacturing wastes. The pile was constructed between 1965 and 1974 (DAMO12). The boundaries of the study area are as follows: the south and west boundaries are fences, the north boundary is the railroad tracks, and the east boundary is the north/south boundary ditch (OHMC10).

Upon closure in 1974, berms were constructed around the pile and the area was covered with a 20 mil polyvinyl chloride membrane, 12 inches of fill, and 6 inches of topsoil. In 1985, the area was recapped with 12 inches of clay, 6 inches of topsoil and re-vegetated. This repair was required due to settlement of the pile and erosion of the original cap which allowed infiltration of surface runoff (DAMO12).

During various inspections, the most obvious surface features of the ash pile were holes and depressions of various sizes believed to result from continued settlement or compaction of ash within the pile (DAMO12). A red colored water has been observed in this area following rains. Soils in the area where the reddish water was observed were field analyzed for TNT. The results indicate that TNT concentrations do not exceed 0.5 mg/kg in soil (FIEL01).

Based upon Phase 2 RI and previous investigations, the extent of soil, groundwater, surface water and sediment contamination at the Southern Ash Pile appears to have been delineated. The following site-related contaminants have been identified for each of the media sampled at the site (DAMO24):

- Soils: 2,4,6-TNT, 2-nitrotoluene, water-soluble sulfate, silver, and sodium.
- Groundwater: Water-soluble sulfate, total phosphate, antimony, calcium, copper, magnesium, potassium, silver, and sodium.
- Surface water: Water-soluble nitrate/nitrite, total phosphorus, water-soluble sulfate, aluminum, arsenic, barium, calcium, chromium, copper, iron, lead, manganese, nickel, sodium, vanadium, and zinc.
- Sediment: Water-soluble nitrate/nitrite, water-soluble sulfate, sodium, and zinc (DAMO24).

Samples of ash from the Southern Ash Pile were subjected to TCLP analysis. This analysis was conducted to determine if the ash would be characterized as a RCRA hazardous waste. No metals were detected above the regulatory levels, no other TCLP analytes were detected, and the ash does not display the characteristic of reactivity. Therefore, the ash should not be considered a hazardous waste. All contaminants reported from soil, groundwater, surface water, or sediment samples were below potentially regulated levels. The highest concentration (6.2 µg/g) of residues of explosive compounds detected in soil was far below the 10 percent reactive level (DAMO24).

No additional sampling is planned at the Southern Ash Pile (DAMO24).

If the cap of the Ash Pile was breached exposing the underlying ash, the total risk would exceed the risk criteria to potential residents according to the Baseline Human Health Risk Assessment. Also, the non-carcinogenic hazard exceeds the hazard criteria for future residents exposure to groundwater (DAMO26).



## M2 EXPLOSIVE BURNING GROUND

The Explosive Burning Ground is the only burning ground in the MFG Area that has been used for open combustion of explosive waste. Located in the west central portion of the MFG Area, this 25-acre site consists of a series of east-to-west oriented burning pads constructed by placing a gravel cap over the existing topsoil. The actual burning pad is 4 acres (DAMO12).

Explosive materials were burned at the site from the early 1940's until 1965, when these operation were moved to the LAP Area. During 1977, the area just north of burning pad was used as a burial site for approximately 428 tons of red water ash, which was encapsulated in an impermeable membrane on the site. The area was then covered with on-site native soil materials and has since been inactive (DOAS06). The burial area is mounded two to three feet above the burning pads and the membrane lining is exposed in several places. Where exposed, the membrane is weathered and brittle, and has been breached in several places (DAMO24).

In 1967, the MFG unit burning ground burned an average of 4,546 pounds of trash per day and 1,706 pounds of miscellaneous wood per day (UCCI67). During a typical month in 1970, the types and amounts of explosives open burned on the MFG area burning ground were 71250 pounds of TNT scrap and 500 pounds of tetryl scrap (MEMO18).

Based upon analytical data collected during surveys and investigations dating from 1981 to the 1991 Phase 2 RI, the following site related contaminants have been identified for each of the media sampled at the site (DAMO24):

- Soils: Explosives (1,3,5-trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene and nitrobenzene), water-soluble sulfate, lead and sodium. Note-TNT has been detected in the soil at 72,300 ppm.
- Groundwater: Water-soluble sulfate and sodium
- Surface water: none (DAMO24)

Note that groundwater at M2 has not been analyzed for explosives since the first sampling round in 1981.

Soils at this site contain lead and 2,4-DNT at levels that could leach at regulated levels. Nitrobenzene concentrations are below potentially regulated levels. Concentration of total explosives in the soils never exceeded eight percent, and only exceeded one percent in one sample (SCO71, collected in 1981), therefore soils in M2 do not exhibit the characteristic of reactivity. However, since concentrations of lead and 2,4-DNT at M2 indicate the potential for site soils to exceed established RCRA toxicity characteristic limits, further sampling was recommended to determine if actual leachable concentrations exceed RCRA toxicity characteristic and if the soils should be classified as hazardous (DAMO24).

A plume of contamination (sodium and sulfate) was identified in the shallow groundwater at this tract and off-site to the west (DAMO08). Based on calculated groundwater flow velocities, it is estimated that the levels of water-soluble sulfate and sodium are no further than 600 feet west of the site (DAMO12).

M2 is included in the Soils Operable Unit. The Soils OU was broken down into three remedial units (RUs). Areas where explosives have been identified as contaminants in the soil are grouped together as Remedial Unit (RU) 1. The Explosive Burning Grounds is included in this RU. Areas were grouped together because the remedial alternative selected to treat the explosives contaminated soil is likely to be similar (OHMC09).

According to the Baseline Human Health Risk Assessment the hotspot analysis of calculated risk for the construction worker exposure scenario to soils (0 to 10 foot horizon) slightly exceed the carcinogenic criteria and non-carcinogenic index (DAMO26).

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This was one of six study sites in the Ecological Risk Assessment conducted by AEHA (now CHPPM) in 1994. This assessment involved evaluation of plants grown in site soils, earthworm toxicity, Microtox testing, and rodent evaluations. A plant population shift was noted. Several locations were highly toxic for all tests. Effects on plant growth were noted as were lethal effects on earthworms in some locations. The Microtox tests showed the soils to be highly toxic in some locations. No statistical differences were found between heavy metal levels in mice collected at JAAP and those in the control group. No explosives were detected in the in the tissues of the seventeen mice collected at M2 (AEHA10).

### M3 FLASHING GROUNDS

The Flashing Grounds is a 60-acre site located in the west-central portion of the MFG Area where flash burning of equipment and demolition materials was conducted to remove explosive residues. Operation were conducted continuously from 1942 to 1988 when open burning at JAAP was prohibited by the Illinois EPA. Two former burning areas and surrounding lands of about 6 acres have been fenced off. Past sampling indicates that this 6 acre area has been a special concern (DAMO26).

During the 1987 RI site visit, two spill areas (about 20 feet by 20 feet) were observed within the Flashing Grounds that may generate a potential contamination source. Each spill consisted of sludge-like materials on the ground around the tanks at the two locations. An area where trucks were washed after dumping explosive materials was also identified within the Flashing Grounds and determined to contain explosive debris. Additionally, several gravel burning or flashing pads (each less than two acres) were identified south of the fenced-in area during aerial photographic interpretation (DAMO26). Each of these areas have been sampled.

Based upon data collected during the Phase 2 RI and previous investigations, the following site-related contaminants have been identified at the Flashing Grounds (DAMO12):

- Soil: 1,3,5-trinitrobenzene, 1,3-dinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, HMX, RDX, oil and grease, water-soluble nitrate/nitrite, total phosphorus, antimony, barium, cadmium, calcium, chromium, copper, lead, magnesium, mercury, nickel, silver, sodium, thallium, and zinc.
- Groundwater: 2,4-DNT, 2,6-DNT, 2-nitrotoluene, 1,1-dichloroethane, 1,2-dichloroethene, benzene, toluene, benzyl alcohol, 2-methylphenol, and 4-methylphenol.
- Surface water of Grant Creek: None.
- Sediment of Grant Creek: None (DAMO12).

No samples have been analyzed for PCBs.

Preliminary review of available information for M3 conducted in 1995 indicates additional information is needed to characterize soils containing 2,4-DNT and the metals cadmium, chromium, and lead (DAMO24).

A plume of contamination (organics) was identified in the shallow groundwater at this site (DAMO08). Volatile organic compounds and BNAs were detected in a small plume within the fenced in area of the Flashing Grounds. The source of this plume appears to be related to spills in the fenced-in area. The plume appears to be migrating away from the site at a rate of less than 15 feet/year (DAMO12).

The Flashing Grounds are included in the Groundwater OU and the Soils OU. The Groundwater OU is split into two RUs. The Flashing Grounds are in Groundwater RU-1 which groups together all areas where there are explosives and volatile organic compounds in the groundwater. The Flashing Grounds are also part of the Soils RU-3, which groups together areas where there are explosives and metals in the soils (OHMC09).

The Baseline Human Health Risk Assessment states that for soils, carcinogenic risks and non-carcinogenic hazards are exceeded for all future receptor scenarios tested. For groundwater, calculated carcinogenic risk values exceed the acceptable criterion for the future resident scenario. Area soils contain lead levels that exceed the risk criterion and may also contribute to the risk under future land use scenarios at this area. Soil contamination, and thus the associated risk, is apparently confined to the truck washing and the burning grounds which are currently fenced (DAMO26).

### M4 LEAD AZIDE AREA

The Lead Azide Area is a 150 acre area located in the west-central portion of the MFG Area, immediately north of the Flashing Ground (M3). It consists of the production area, a settling basin and a waste storage area. Activities were conducted in this area in the early 1940's through 1954; and again from June 1966 to February 1968 (DAMO12).

The precipitated lead azide was purified by washing. The waste was transferred to a settling basin where it was neutralized prior to release to Grant Creek (BICO01). The settling basin, constructed of brick and concrete block, measured approximately 45 by 45 feet; 4 feet deep, and had a volume of 400 cubic yards, and was use to store lead azide waste. The waste storage area in the southwest corner of this area was used to store barrels of DNT, although duration and extent of the operation is unknown (DAMO04). Two laboratories were also located in the Lead Azide Area (ARMY01).

The area immediately west of the Lead Azide Area has received runoff from overbank flooding of the ditch located on the northern edge of this Area. This ditch received runoff from the Red Water Lagoon Area which is northwest of the Lead Azide Area (DAMO26). This ditch connects with a east-west stream located north of the Area (DAMO12).

Based upon the data collected during the Phase 2 RI and previous investigations, lead was the only contaminant identified at the Lead Azide Area. Elevated lead levels were present in surface and subsurface soils and sediments in the vicinity of the former lead azide lagoon (DAMO24). Elevated lead concentrations were also detected in the sediments present in the east-west ditch located to the north of the site that flows to a low-lying swampy area to the west of the site (DAMO12). Lead was detected in 35 of 35 soil samples and this constituent may pose a health risk to future workers or residents (DAMO26).

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A groundwater plume of explosives contamination migrating from the Red Water Area (M7) is located just outside the northeast edge of the area (DAMO08).

The Lead Azide Area is included in the Soils OU. M4 is part of the Soils RU-2, which groups together areas where there are metals in the soils (OHMC09).

This was one of six study sites in the Ecological Risk Assessment conducted by AEHA (now CHPPM) in 1994. This assessment involved evaluation of plants grown in site soils, earthworm toxicity, Microtox testing, and rodent evaluations. Effects on plant growth were noted as were both lethal and sublethal effects on earthworms at some locations. The Microtox tests showed the soils to be relatively non-toxic. No statistical differences were found between heavy metal levels in mice collected at JAAP and those in the control group. No explosives were detected in the in the tissues of the fifteen mice collected at M4 (AEHA10).

## M5 TETRYL PRODUCTION AREA

The Tetryl Production Area is a 225 acre site in the center of the MFG Area, south of the TNT production area. The Tetryl Area consisted of 12 production lines with a total capacity of 1.3 million pounds per month when in operation. Each line had separate a building for nitration, refining, and sulfating. Each six lines shared buildings for drying, packing/shipping and acid and fume recovery. Tetryl was produced at JAAP from the early 1940's to 1973 (DAMO12). All of the buildings for Lines 1 through 6 were burned except for the maintainance, laboratory and dryhouse buildings.

Tetryl production at JAAP was a batch operation involving sulfation of dimethylaniline with 94 percent sulfuric acid to produce dimethylaniline sulfate (DMAS), and subsequent nitration of DMAS with a mixture of sulfuric and nitric acids. The nitrated product mix was cooled and sent to a stainless neutch (a container with a filter) where the free acid was separated. The crude tetryl was washed and slurried through a tank. Then the tetryl was filtered and transferred to a dissolving tank where acetone from a reflux condenser dissolved the tetryl and washed it into a still charged with 45 percent acetone. The acetone was then removed by evaporation and the precipitated tetryl was slurried, partially dried and transferred to the wet storage area (lag house). The tetryl was then transported by powder buggy to the drying house (ARMY01, AEHA09, DAMO12).

Major sources of wastewater in the manufacturing process include: wastewater from tetryl purification, water and sellite solutions used for floor washing, and water from equipment cleanup. The wastewater (containing tetryl, sulfate, sulfite and nitrates) was discharged into open nitration, refining and dry house collector ditches that flowed into the Tetryl Ditch, which drains the general production area. Ultimately the ditch flows south into Grant Creek (DAMO12). A french drain is located within the Tetryl Area (MAPS02). The drain consists of half round vitreous clay tiles (FIEL01).



Two laboratories were located in the tetryl area (ARMY01). The tetryl laboratory was closed in or around 1971 its functions were moved to TNT 3 laboratory. Also the work that was done in the Tetryl II laboratory was transferred to the Acid 1 laboratory in the same time period (HIST05).

Based on the environmental data gathered during the Phase 2 RI and previous investigations, the following site-related contaminants were identified for each media at the Tetryl Production Area (DAMO12):

- Soils:

East-West Ditch -- 1,3,5-Trinitrobenzene, 1,3-dinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, tetryl, nitrobenzene, water-soluble sulfate, calcium, lead, magnesium, mercury, and sodium.

Tetryl Production Line No. 5 -- 1,3,5-Trinitrobenzene, 1,3-dinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2-nitrotoluene, tetryl, nitrobenzene, calcium, lead, magnesium, mercury, and sodium.

- Groundwater: 1,3,5-Trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, and tetryl.
- Surface water: 1,3-dinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, RDX, water soluble-nitrate/nitrite, and lead.
- Sediment: Fluoranthene, PCB 1254, lead, and mercury (DAMO12).

The Tetryl Production Area is included in the Groundwater OU and the Soils OU. The Groundwater OU is split into two RUs. The Tetryl Production Area is in Groundwater RU-1 which groups together all areas where there are explosives and volatile organic compounds in the groundwater. M5 is also in the Soils RU-1 which includes areas where explosives in the soils are the contaminants of concern (OHMC09).

The Baseline Human Health Risk Assessment states that contamination in soils, sediments and groundwater may pose a health threat to future industrial workers or

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residents in this area. Significant risk are imposed by PCBs, lead and DNT. Note that samples were only collected from one of 12 production lines (DAMO26).

## M6 TNT DITCH COMPLEX

The TNT production area, which was approximately 275 acres, is located in the north-central portion of the MFG Area. TNT and related explosive compounds were produced there intermittently from 1942 to 1977. Wastes from these operations were discharged into a 9,190-foot-long manmade ditch, referred to as the TNT Ditch (DAMO12).

Originally, there were twelve production lines associated with the TNT manufacturing at JAAP. At full capacity, ten lines were in operation, one in active standby and one subjected to preventive maintenance. Each line was independent of the others and consists of a "Mono-", a "Bi-", and a "Tri-nitration" House, a Wash House and an Acid Fume Recovery House. In addition, every two production lines shared the same Packing House, administrative facilities and raw materials storage tanks. For each two TNT lines there was one DNT line (JAAP09). In addition, nitroxylenes production was started on November 10, 1943. TNT number 9 and 10 lines were converted to this process (HIST39). A description of the production process is presented in Section 2 of the PAS report.

TNT manufacturing involves the nitration of toluene with a mixture of nitric and fuming sulfuric acids. The product is separated from free residual acids and purified by washing with sellite solution. The sellite washwater is known as red water waste which was (in early operations) concentrated and disposed of through the TNT ditch system. After 1966, an incinerator was constructed to process the red water waste. Prior to installation of the incinerator all red water waste and a non-contact cooling water that entered the ditch system periodically exceeded the capacity of its banks and caused contaminated water to pond adjacent to the ditch. This red water potentially contained TNT, nitrobenzenes, sulfates and nitrates (DAMO12).

Acid Fume Recovery systems (AFR) were used to recover acids from tetryl and TNT process wastes fumes. The locations of the AFRs were associated with every TNT line

and in every sixth tetryl line. These systems recovered acids that were delivered to the nitric and sulfuric acid concentrator units in the Acid Manufacturing Area (M8). The only wastewater produced by these systems was cooling water and floor washing and spill cleanup wastewater. This wastewater was discharged into the TNT ditch, which empties into Grant Creek in the TNT Manufacturing Area and in the Tetryl Ditch, which also empties into Grant Creek (DAMO04).

The 1987 site reconnaissance identified solid TNT on the ground by the nitration houses, the sewer lines and the wash houses of the batch lines. A toluene odor was detected near the drowning tub adjacent to the "Mono-Nitration houses, and red water was also observed in the TNT ditch (DAMO12).

Several laboratories were located in the TNT Area. Building 706-3 was used to test DNT and tetryl products (ARMY01).

On October 7, 1943 the TNT line 1 tri-nitrating house (802-1) was completely demolished by fire and explosion (HIST39). On July 21, 1966 a Tri-House on Line 7 (802-7) detonated (HIST12).

Based on the environmental data gathered during the Phase 2 RI and previous investigations, the following site related contaminants were identified for each media at the TNT Ditch Complex:

- Soils: 1,3,5-Trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-NT, tetryl, nitrobenzene, water-soluble sulfate, total phosphorus, lead, mercury, and silver.
- Groundwater: 1,3,5-Trinitrobenzene, 1,3-dinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, tetryl, RDX, nitrobenzene, and water-soluble nitrate/nitrite.
- Surface water: 1,3,5-Trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, HMX, RDX, nitrobenzene, water-soluble nitrate/nitrite, water-soluble sulfate, and lead.

- Sediment: 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, HMX, RDX, 13 Polycyclic aromatic hydrocarbons, petroleum hydrocarbons, water-soluble sulfate, lead, and mercury.

Three plumes of contamination (two of explosives and one of nitrate/nitrite) were identified in the shallow groundwater at this tract (DAMO08). One large plume appears to be present in the center of the area, and two smaller plumes appear to exist further south. Concentration of explosives appear to be greatest in the overburden of the outwash plain as compared to levels detected in bedrock wells. Migration of these plumes does not appear to be occurring at a rapid rate away from the area (DAMO12).

The M6 is included in the Groundwater OU and the Soils OU. The Groundwater OU is split into two RUs. M6 is included in both Groundwater RUs. RU-1 groups together all areas where there are explosives and volatile organic compounds in the groundwater. RU-2 includes all areas where there are volatile organic compounds in the groundwater. The TNT Ditch Complex also belongs in Soils RU-1. This remedial unit includes all areas where there is explosives contamination in the soil (OHMC09).

The Baseline Human Health Risk Assessment states that contamination in soils, sediments, surface water and groundwater may pose a health threat to future industrial workers or residents in this area. DNT, TNT, nitrotoluene, benzo(a)pyrene, benzo(b)fluoranthene and chrysene account for most of the total hazard (DAMO26).

This was one of six study sites in the Ecological Risk Assessment conducted by AEHA (now CHPPM) in 1994. This assessment involved evaluation of plants grown in site soils, earthworm toxicity, Microtox testing, and rodent evaluations. Effects on plant growth were noted as were lethal and sublethal effects on earthworms in some locations. No statistical differences were found between heavy metal levels in mice collected at JAAP and those in the control group. TNT was detected at trace levels in the tissues of three and at 0.300 mg/kg in the tissues two of the 61 mice collected at M6 (AEHA10).

## M7 RED WATER AREA

The Red Water Area (approximately 50 acres) is located in the central portion of the MFG Area, immediately south of and adjacent to the TNT Ditch complex. A two acre lagoon (Red Water Lagoon), which has been capped and graded, is located in the northern part of this area. An incinerator constructed in 1965 was also used in this area to treat the red water waste from the TNT manufacturing area. This area also consists of three sets of storage tanks used to contain red water prior to incineration and evaporation. The tanks contained raw red water and thick liquor (JAAP05, DAMO12).

Red water is wastewater from the purification of TNT with sellite. Red water and floor washings from each TNT recovery house were collected in a sump and pumped to a settling tank outside the wash house. Most of the large particles settled out in the tank and the supernatant flowed over a weir into a feeder flume which emptied into the main red water flume. The main red water flume was rubber lined and flowed to the red water plant where it emptied into a sump. The water was pumped from the sump to a holding tank where it was neutralized, concentrated by evaporation and incinerated (TRWI01).

The disposal operation consisted of six four-stage evaporators and twelve rotary kiln incinerators in the plant. The evaporators concentrated the red water from four percent solids to about 35 percent. The ash from combustion of the concentrate contained about 80 percent sodium sulfate, about 15 percent sodium carbonate, and five percent sodium sulfite and other inorganics (TRWI01).

The evaporate condensate from the evaporation step was the major source of wastewater in this area. The wastewater containing small amounts of nitrobenzenes was discharged to TNT Ditch which empties into Grant Creek (TRWI01).

After 1965, any flow of the red water waste that exceeded the storage tank capacity was routed into the Red Water Lagoon. This lagoon had a 4,100,000 gallon capacity. The

sludge, liner and water remaining in the lagoon were removed in 1985 and replaced with a 1-foot-thick clay cap (DAMO24).

Based upon data collected during the Phase 2 RI and previous investigations, the extent of soil, groundwater, surface water, and sediment contamination at the Red Water Area have been delineated. The following site-related contaminants have been identified at this site (DAMO12):

- Soils: 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, 1,3,5-trinitrobenzene, 1,3-DNB, HMX, RDX, nitrobenzene, water-soluble sulfate, total phosphorus, lead, mercury, selenium, silver, and sodium.
- Groundwater: 1,3-DNB, 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, HMX, RDX, tetryl, nitrobenzene, 1,1,1-trichloroethane, 1,1-dichloroethane, 1,2-dichloroethene, tetrachloroethylene, water-soluble nitrate/nitrite, water-soluble sulfate, and manganese.
- Surface water: 1,3,5-trinitrobenzene, 2,4,6-TNT, 2,4-DNT, 2-nitrotoluene, HMX, RDX, nitrobenzene, water-soluble nitrate/nitrite, water-soluble sulfate, manganese, mercury, lead, potassium, and silver.
- Sediment: 2,4,6-TNT, 2,4-DNT, 2,6-DNT, 2-nitrotoluene, water-soluble sulfate, total phosphorus, lead, silver, mercury, selenium, and sodium (DAMO12).

Analyses of the media at M7 revealed the presence of heavy metals and explosive compounds in the soil and sediment (from the TNT ditch) at potentially regulated levels. Soils contained 2,4-DNT at levels which exceed the TCLP standard of 0.13 ppm. Lead was also detected at concentrations exceeding the TCLP standard of 5.0 ppm (up to 21.5 ppm in soil samples and up to 55 ppm in sediment samples). The total explosives concentration in the solid did not exceed five percent; the soils do not exhibit the characteristic of reactivity or contain listed USEPA Hazardous Waste No. K047. Additional sampling was recommended (1995) because concentrations of lead and 2,4-DNT could potentially exceed RCRA toxicity characteristic limits (DAMO24).

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Two plumes of contamination (explosives) were identified in the shallow groundwater associated with this area, one migrating off-site to the west and the other encroaching from Site 13 on the east (DAMO08).

The Red Water Area is included in the Groundwater OU and the Soils OU. The Groundwater OU is split into two RUs. The Red Water Area is in Groundwater RU-1 which groups together all areas where there are explosives and volatile organic compounds in the groundwater. M7 is also in Soils RU-1 which includes areas where explosives in the soils will be addressed (OHMC09).

The Baseline Human Health Risk Assessment states that contamination in soils, sediments, surface water and groundwater may pose a health threat to future industrial workers or residents in this area. DNT and TNT account for most of the hazard (DAMO26).



## M8 ACID MANUFACTURING AREA

The Acid Manufacturing Area is a rectangular-shaped area located immediately east of the TNT Ditch Complex and covers approximately 200 acres. The area was used to produce nitric and sulfuric acids in conjunction with TNT and tetryl production. M8 consists of 4 separate areas known as Acid Areas 1 through 4. The areas housed manufacturing, refinement, recycling and storage facilities. Nitric acid was produced at 60 percent concentration in 10 ammonia oxidation plants (AOPs) (four in Acid Area 1 and six in Acid Area 3) and was concentrated in the 12 nitric acid concentrators (NACs). Wastewaters from this process included cooling water and water used for cleanup of spills and floor and equipment washing. The wastewater (containing nitrates) was discharged from Acid Area 1 through the Acid Ditch (a ditch draining the Acid Manufacturing Area), into the Tetryl Ditch, and ultimately into Grant Creek. Wastewater was also discharged from Acid Area 3 into Goose Creek, which empties into Jackson Creek (DAMO12).

Sixteen Sulfuric Acid Concentrators (SAC), also located in this area, concentrated dilute sulfuric acid by evaporation. Wastewater was generated primarily from occasional spills, floor washings and cooling water. This wastewater was discharged through the Acid Ditch and into the Tetryl Ditch and to Goose Creek (DAMO12).

Numerous above ground tanks were also utilized throughout the Acid Manufacturing Area. Although not currently in use, spillage and leaks from the tanks could have contaminated the soil, surface water and groundwater in this area (DAMO12). For further information on spills in the Acid Manufacturing Area see the summary of significant spills located in Section 4 of the PAS. Also, a former plant manager indicated that when tanks were cleaned, residues from the tanks were deposited on the ground (FIEL01).

Two acid ponds that were used in the storage or treatment of wastewater were located in this area. The northern-most pond was constructed in the late 1960's with a bentonite bottom and rubber-lined clay sides. Since that time, the pond has been covered with a 160 mil vulcanized rubber cover. The southern acid pond was constructed with a 20-mil polyethylene liner on its bottom and sides and an earthen mound placed around the top. A 1987 site visit revealed the northern pond contains water. It was also determined during this visit that the location of the disposal pit for the power generator fly ash was just south of the gravel pits in the southern end of the Acid Manufacturing Area (DAMO12).

Two laboratories were located in the Acid Area. The Acid 3 laboratory was closed and all of its functions were moved to the Acid 1 laboratory around 1971 (ARMY01, HIST05). Building 704-7 was a standards lab which was combined with an air pollution lab. The lab was used to prepare standards chemicals used by all labs during operations and also conducted all water analysis on the influent and effluent water from the STP. Emissions resulting from plant operations were also analyzed (ARMY01).

The Acid Area contained an industrial wastewater treatment plant at JAAP and was located at Acid Area 4. The plant was reportedly removed (AEST01). This treatment plant is believed to have been constructed in fiscal year 1970 (project number 5702135) received water from the acid plants which was collected in an acid-proof sump. Water was then pumped into a lime neutralization basin for pH adjustment and the bulk of the sulfates precipitated as calcium sulfate. The calcium sulfate sludge was retained in a settling lagoon and the supernatant was treated with barium carbonate for additional sulfate precipitation. The barium sulfate precipitate was settled in a clarifier and the supernatant was passed through a sand filter and ion exchange system to produce deionized water. The water was used as boiler feed or cooling water make-up (TRWI01). In addition, a solvent still was located in the Northern Acid Area. The still reportedly contained "tetrachloride" (DAMO18). Solvents were used for cleaning the AOP filters.

The Oleum Plant is located in the northeast portion of M8 and is subject to an RI addendum. Piles of unused sulfur remain spread out over the southern half of the Oleum Plant (DAMO18). The compounds 1,1-dichloroethane and 1,1,1-trichloroethane were detected in groundwater in this area. These two constituents were commonly associated with antifreeze solutions (DAMO19). The solvents 1,2-dichloroethelene, perchloroethylene and trichloroethylene were found in a sample from the same well (DAMO20).

Based upon the analytical data gathered during the Phase 2 RI and previous investigations at the Acid Manufacturing Area, the site-related contaminants identified at the various media sampled include (DAMO12):

- Soils: Water-soluble sulfate, water-soluble nitrate/nitrite, lead, and mercury.
- Groundwater: 1,1,1-trichloroethane, 1,1-dichloroethane, and water-soluble nitrate/nitrite.
- Surface water: 2,4-DNT, 1,1,1-trichloroethane, 1,1-dichloroethane, water-soluble nitrate/nitrite, water-soluble sulfate, arsenic, calcium, lead, and sodium.
- Sediment: Water-soluble sulfate, chromium, lead, mercury, and zinc.

A groundwater plume containing explosives is located outside the west edge of the area and the migration is probably to the west (DAMO24).

Analyses of media in M8 revealed the presence of lead, mercury and chromium (sediment only) at concentrations that may be hazardous based on TCLP toxicity characteristic . Although the theoretical maximum level (TML) concentrations of chromium and mercury are below potentially regulated levels, the TML concentrations of lead exceed the RCRA toxicity characteristic limit of 5.0 ppm and soils may need to be classed as hazardous waste code D008. Further sampling is required to determine if actual leachable concentrations of lead exceed regulated levels (DAMO24) .

The Acid Manufacturing Area is included in the Groundwater OU and the Soils OU. The Groundwater OU is split into two RUs. M8 is in Groundwater RU-1 which groups together all areas where there are explosives and volatile organic compounds in the groundwater. The M8 also belongs in Soils RU-1. This remedial unit includes all areas where there is explosives contamination in the soil (OHMC09).

The Baseline Human Health Risk Assessment states that contamination in soils, sediments, surface water and groundwater may pose a health threat to future industrial workers or residents in this area. Polycyclic aromatic hydrocarbons, (benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene) and arsenic account for almost all of the risk (DAMO26).

## M9 NORTHERN ASH PILE

The Northern Ash Pile is located in the northern portion of the MFG Area and covers approximately 5 acres. The pile rises 10-15 feet above the ground surface. The ash in this pile was generated through the incineration of TNT byproducts between May 1966 and July 1967 (DAMO12).

A clay cap on this pile was replaced in 1985 but several areas where leaching and erosion have occurred were identified during the 1987 RI site visit. The site is currently being recapped by the U.S. Army Engineer District, Louisville (DAMO12).

Based upon the data collected during the Phase 2 RI and previous investigations, the following site-related contaminants have been identified at the Northern Ash Pile (DAMO12):

- Soil: Water-soluble sulfate and sodium.
- Groundwater: None.
- Surface water: Water-soluble sulfate, aluminum, iron, lead, and sodium.
- Sediment: None.

Based on the analytical results from ash samples, the ash passed the TCLP test for metals, does not contain TCLP analyte other than metals, and does not contain concentrations of reactive substances that would render it hazardous. Therefore, it is not a RCRA hazardous waste. All contaminants reported from soil, groundwater, surface water, or sediment samples were below potentially regulated levels (DAMO24).

No specific exposure concerns were identified in the Baseline Human Health Risk Assessment (DAMO26).

## M10 TOLUENE TANK FARMS

The Toluene Tank Farms are three sets of four toluene storage tanks, located in the northern portion of the MFG Area. Each tank farm covered less than 4 acres. Toluene was used for the production of TNT (DAMO12).

A toluene storage tank in the West Tank Farm was destroyed by lightning in August, 1968. There was no documentation of a release (HIST03). On April 28, 1966, Number 6 Toluene tank at the Central Farm was struck with lightning and burned. Approximately 7,000 gallons of toluene were destroyed. Release of the toluene was not documented (HIST12). Two storage tanks in the western farm exploded (1970 and 1971) when hit by lightning. Operations associated with all these tanks ceased in 1976 (OHMC03).

In or around 1943, it was reported that one of the tanks in this area was used to store xylenes (HIST39).

Based on analytical data collected during the Phase 2 RI, two separate areas of groundwater contamination have been identified at the Toluene Tank Farms. The following contaminants were identified for each of the media sampled at the site (DAMO24):

### Eastern Toluene Tank Farm

- Soil: None.
- Groundwater: None.

### Central Toluene Tank Farm

- Soil: None.
- Groundwater: Benzene, ethylbenzene, toluene, xylenes, 2-methyl phenol, 4-methyl phenol, and benzyl alcohol.

### Western Toluene Tank Farm

- Soil: None.
- Groundwater: Benzene, ethylbenzene, toluene, xylenes.

It is suspected that a leaking underground pipeline may be the source of the volatile organic compounds found in the groundwater in the Central Toluene Tank Farm soil samples. Additional investigation is planned to identify the source of and evaluate the extent of volatile organic compounds in the soil at this site (DAMO24).

The M10 is included in the Groundwater OU. M10 is in Groundwater RU-2 which groups together all areas where there are volatile organic compounds in the groundwater (OHMC09).

Groundwater carcinogenic risks exceeded the criteria for the future resident scenario tested at both the Western and Central Farms. The non-carcinogenic hazard criteria were also exceeded at both tank farms. Benzene accounts for the majority of the non-carcinogenic hazard at both farms. Groundwater may pose a hazard to future residents (DAMO26).

## M11 LANDFILL AREA

The Landfill Area is located in the MFG Area immediately east of the Explosive Burning Ground (M2) and west of the TNT storage bunkers, and covers approximately 100 acres. It is divided into northern and southern sections by Prairie Creek School Road, which runs east-west along the southern boundary of the Explosive Burning Grounds. The nearest surface water body, Prairie Creek, flows west along Prairie Creek School Road and then makes an abrupt turn southward and flows along the eastern border of the Landfill Area (DAMO12).

Information provided from previous investigation indicated that the Landfill operated between 1952 and 1978 and contained asbestos, insulation and construction rubble. It was not considered a sanitary landfill (DAMO12).

During a preliminary site reconnaissance conducted on May 19, 1988 JAAP personnel indicated that the Landfill Area was an old borrow pit that had received wastes since the early 1950's. According to facility personnel, wastes from maintenance operations, including old paint and solvents, may have been dumped in the Landfill. Debris such as metal drums, wood and garbage was identified in a stagnant pond. In addition, miscellaneous debris including 55-gallon drums (many open, crushed and/or corroded), fire bricks, a partially buried tank lined with brick and corroded metal objects of various shapes and sizes was identified throughout this area. A small area covered with asphalt tar and a gravel pile covered with a white residue were also discovered in the central section of the southern half of the Landfill Area. Much of the debris was partially buried, and it is expected that similar debris and material may be completely buried throughout the Landfill Area. Leachate trails from several of the debris piles were observed to be devoid of vegetation in area below the berm. In addition, these leachate trails were observed to discharge to a swampy, low-lying area west of the berm, which is located immediately east of the Explosive Burning Grounds pads. Throughout both sections of the Landfill Area, large chunks of sulfur were observed in bare patches of land devoid of



vegetation. A plume of contamination (sodium and sulfate) was identified in the shallow groundwater at this tract, migrating from Site 2 on the northeast (DAMO08).

Based on analytical data collected during the Phase 2 RI, the following potential site-related contaminants have been identified for each of the media sampled at the site:

- Groundwater: Water-soluble sulfate, water-soluble nitrate/nitrite, calcium, magnesium, manganese, sodium, and tentatively identified compounds.
- Surface water in Prairie Creek: None.
- Surface water in the standing water area: 4-Methyl phenol, water-soluble sulfate, aluminum, calcium, copper, iron, lead, magnesium, manganese, potassium, and vanadium.
- Sediment in Prairie Creek: None.
- Sediment in the standing water area: Water-soluble sulfate, total phosphorus, aluminum, barium, chromium, copper, iron, lead, nickel, potassium, vanadium, and zinc (DAMO24).

The RI proposed four test pits to allow visual inspection of the waste materials and to facilitate collection of samples for chemical analyses, because only limited data are available to characterize the materials disposed of in this area (DAMO24).

The M11 is included in the Landfill OU. The Landfill OU contains only one RU which includes IR sites where there are mixed contaminants (OHMC09).

The Baseline Human Health Risk Assessment did not identify any current or future quantifiable risks posed by contaminants at this site to any of the populations assessed (DAMO26).

## M12 SELLITE MANUFACTURING AREA

The Sellite Manufacturing Area is located west of the TNT Ditch Complex in the northwestern section of the MFG Area and covers approximately 16 acres. The Sellite Area consists of two sellite production units, a lagoon surface aeration treatment system and the Sellite Drainage Ditch (DAMO12).

The Box Factory is located adjacent to the sellite plant. The Box Factory was used to store and product boxes used for plant products. Wooden boxes were produced here. In addition, used boxes were reconditioned in the area. Reconditioning was originally carried out in a building removed from the Box Factory proper. However, this building was not suitable for use in inclement weather, a new building was constructed adjacent to the Box Factory to house the reconditioning operation (HIST40).

Sellite is a solution of sodium, sodium sulfite (16 to 17 percent) and sodium biwater-soluble sulfate (0.05 to 0.5 percent) and was used in the purification of crude TNT. Sellite production was terminated in 1976 when TNT manufacturing operations ended. Sellite production rates for the period of January 1968 to February 1974 ranged from approximately 3 million pounds in 1968 to less than 0.8 million pounds in 1974. Using two production units, sellite was manufactured according to a batch-operated process involving the reaction of sodium carbonate solution with sulfur dioxide gas within a countercurrent packed tower. Liquid from the tower was discharged to a tank and recirculated until the desired strength of the sellite solution was achieved. The necessary sulfur dioxide gas was produced by burning sulfur in a furnace and scrubbing the product gas to remove sulfur in a furnace and scrubbing the product gas to remove sulfur trioxide and other impurities within the scrubbing column (DAMO12).

Wastewaters from this area were the result of the gas-scrubbing process, spills of soda ash and sellite solutions, floor washing and spill clean-ups. Process wastewater was generally characterized by large fluctuation in pH (ranging from 2 to >10), low dissolved oxygen

(DO) and high concentrations of sulfite and water-soluble sulfate. The low dissolved oxygen was the result of the oxidation of sulfite to water-soluble sulfate. To prevent pH fluctuations and oxygen depletion, sodium carbonate was added to the wastewater which was discharged to a lagoon containing a mechanical aerator. Prior to construction of this lagoon, wastewater from the sellite plant discharged directly into the Sellite Drainage Ditch. Because of the large fluctuations in wastewater characteristics (e.g., pH, biochemical oxygen demand, water-soluble sulfate, sulfite, etc.) and size of the operation, this treatment system proved ineffective in maintaining the required neutral pH and concentration of 3 mg/L dissolved oxygen (TRWI01).

The Sellite Ditch drains from the southwestern corner of the production plant, flows southwestward, connects with the ditch from the Former Sewage Treatment Plant, and flows westward toward Grant Creek. Three ponds, each covering less than 2 acres, are located approximately 600 feet west of the confluence of the Sellite and the Former Sewage Treatment Plant Ditches. Surface water from this ditch flows past these ponds. Prior to the Phase 2 RI investigation, these ponds were identified as lagoons. However, when they were sampled, it was noted that these bodies of water are actually duck ponds and are kept filled by well water. The Sellite Ditch drains the Sellite Lagoon, which drains the Western and Southern Drainage Ditches. The Western Ditch originates north of the Sellite Manufacturing Area just south of the western Toluene Tank Farm and runs southward, then westward, and finally southward again to drain into the Sellite Lagoon. The Southern Ditch originates near the western boundary of the TNT Ditch Complex, probably receiving runoff from that area, and runs westward along the southern boundary of the Sellite Manufacturing Area to discharge into the Sellite Lagoon (DAMO12).

Based on the data gathered during the Phase 2 RI and previous investigations at the Sellite Manufacturing Area, several potential site-related contaminants have been identified for the various media, and are listed below (DAMO24):

- Soil: Water-soluble sulfate, calcium, lead, magnesium, and mercury.
- Groundwater: Water-soluble sulfate and sodium.
- Surface water: 2,4-DNT, water-soluble nitrate/nitrite, water-soluble sulfate, aluminum, arsenic, calcium, chromium, copper, iron, magnesium, manganese, vanadium, and zinc.
- Sediment: 2-nitrotoluene, HMX, fluoranthene, phenanthrene, pyrene, water-soluble nitrate/nitrite, water-soluble sulfate, antimony, barium, copper, chromium, lead, manganese, silver, and sodium.

The concentration of lead has the potential to exceed TCLP levels in sediments west of the plant, the lagoon, and along the Sellite Drainage Ditch, indicating the potential presence of wastes (DAMO08). The concentration of lead in the lagoon has the potential to exceed TCLP levels. Further sampling is required to determine if actual leachable concentrations of lead exceed regulated levels (DAMO24).

The Sellite Manufacturing Area is included in the Soils OU. The Sellite Manufacturing Area is part of the Soils RU-3, which groups together areas where there are explosives and metals in the soils (OHMC09).

Generally, no calculated values for carcinogenic risks or non-carcinogenic hazards exceeded the respective criteria at this site under future land use scenarios. However, concentrations of lead in sediments present in the ditches and lagoon exceeded the risk criterion. In this case, the sediments may pose a hazard to future workers and residents (DAMO26).

### M13 GRAVEL PIT AREA

The Gravel Pit Area is located in the southwestern portion of the Acid Manufacturing Area and covers approximately 130 acres. Four potential disposal areas are located within the area, including two former gravel pits (northern and southern) located adjacent to each other, an excavation pit to the south of the gravel pits, and an excavation area located to the west of the excavation pit (DAMO12). The northern gravel pit has been covered with clean soil and graded (DAMO26).

Activities at this Area from the early 1940s to late 1970 included several episodes of excavation, filling and grading (DAMO12). The middle gravel pit was reported to have received filter water and waste sludge from the Former Sewage Treatment Plant (M15), boiler blowdown wastes from the north power plant and laundry wastes. Additional information indicates that the north pit was used as a landfill for many types of debris, including concrete, railroad ties, telephone poles, office paper, etc.; however, data of these disposal activities are not available (DAMO12, FIEL01). Information from previous reports and from JAAP personnel indicates that disposal activities at the northern gravel pit may have begun as early as 1966, though no disposal filling activities were noted in the aerial photography review indicating that disposal activities may have begun later (DAMO12). Lime-alum sludge produced in the filtration plant was originally discharged to the Tetryl Ditch. In 1974, money for construction of a pump station and pipeline to transport the sludge from the existing and new water filtration plants to the north gravel quarry was requested (TRWI01).

JAAP personnel indicated that disposal activities at the northern gravel pit were reported to have ceased in 1984. Debris that reportedly was buried included broken concrete, used railroad ties, old telephone poles, office wastes, wood and paper scrap, sanitary and domestic wastes and TNT boxes. The discarded fiber cardboard TNT boxes were lined with paper and used for the shipment and storage of bulk TNT, and may have contained residual TNT dust. The boxes were inspected prior to each use for deterioration, but

generally, each box was reused four or five times before disposal. JAAP personnel reported that prior to disposal, the paper liners were reportedly removed and incinerated, and not disposed of with the boxes (DAMO12).

Removal of soil/material at the excavation area southwest of the gravel pits was first noted in 1939. Fill activities were first observed in 1952 aerial photographs, but had been discontinued by 1961. The information available indicates that this fill material may have originated from the construction of the Red Water Facility that borders the western side of the excavation area. No additional information on past activities at the excavation area could be obtained from the available reports, though it appears that this area was used primarily as a borrow area and for depositing soil from other construction areas (DAMO12).

Activities at the excavation pit (east of the excavation area) were first observed in 1967 aerial photographs. A drainage pipe was observed discharging liquid into the excavation pit at its northern bank. The pit was partially filled with standing liquid. Neither the origin nor the use of the drainage pipe was reported. JAAP personnel reported that this pit was used to dispose of fly ash from boiler blowdown wastes. Drainage patterns from the pipe were observed in subsequent aerial photographs taken in 1973 and 1974, indicating that the excavation pit was still receiving discharge from the pipe. By 1978, no drainage patterns were apparent and the site appeared to be re-vegetated. Other than the report of fly ash disposal, no additional information on this excavation pit was provided in the available reports (DAMO12).

Based on past activities at the northern and southern gravel pits and the excavation pit, there is a possibility of environmental contamination by unknown fill activities that may have occurred. Possible contaminants in the two gravel pits and the excavation pit may include explosives from TNT boxes and explosives-contaminated wastewater from the laundry, creosote from railroad ties and telephone poles and metals and anions from waste sludge and fly ash. In addition, because the northern and southern gravel pits were

actively used as landfills, other potentially hazardous but undocumented material may have been disposed of in these areas. Additional unknown environmental contamination may exist at the excavation pit as a result of the discharge from the drainage pipe into the pit (DAMO12).

Based on environmental data from the Phase 2 RI and previous studies, water-soluble nitrate/nitrite is the only site-related contaminant in groundwater at this site (DAMO24). Two plumes of contamination (explosives and nitrate/nitrite) were identified in the shallow groundwater at this tract (DAMO08).

However, because only limited data are available to characterize the materials disposed of in this area, two test pits are proposed to allow visual inspection of the waste materials and to facilitate collection of samples for chemical analyses. No soil samples have been collected at this site (DAMO12).

The Gravel Pit is included in the Groundwater OU and the Landfill OU. The Groundwater OU is split into two RUs. The Gravel Pit is in Groundwater RU-1 which groups together all areas where there are explosives and volatile organic compounds in the groundwater. The Landfill RU includes IR sites where there are mixed contaminants (OHMC09).

No risks are associated with groundwater contaminants at this site to any future populations. No soil samples were collected thus no Baseline Human Health Risk Assessment was conducted for future soils exposures (DAMO26).

### M14 FORMER POND AREA

The Former Pond Area is located 450 feet west of West Patrol Road, west of the Flashing Grounds (M3) and consists of approximately 10 acres. As indicated in a 1952 historic aerial photograph, a pond measuring less than one acre was constructed in this area. Also, a ground scar in the area between the pond and West Patrol Road was noted to be re-vegetated. A 1954 aerial photograph indicated that two years later the pond was no longer visible east of the former pond in the area that had been previously disturbed and re-vegetated. This new scarred area was observed to be completely re-vegetated in the 1961 photograph. No additional information about the former pond, including what material was used to backfill the pond, was available (DAMO12).

A preliminary site reconnaissance conducted in June 1991 revealed no evidence of the former pond or scarred area. The areas were re-vegetated with no sign of vegetative stress. Three small concrete foundations, measuring approximately 20 feet by 30 feet, were located slightly southwest of the Former Pond Area; and a round tin plate, measuring approximately 40 feet in diameter, was observed in the former scarred area. The ground beneath the plate appeared to be solid, and vegetation was observed growing through rusted portions of the plate. The purpose of the plate is unknown; however, it appeared inert with no signs of hazardous substance contamination. Interviews with JAAP personnel did not reveal any further information about the Former Pond Area other than the suggestion that the pond may have been used as a water source for cattle. However, due to the proximity of this Area to the Flashing Ground, (M3) it is possible that the pond and associated ground scar were related to activities at the Flashing Ground such as flash burning of equipment demolition materials (DAMO12).

Based on data gathered for the Phase 2 RI the following site-related contaminants have been identified in soils (DAMO12):

- Phenanthrene, pyrene, lead, silver and zinc, and phosphorus



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No other matrices were sampled.

Remediation is not considered for this site (DAMO24). Based on the RI findings or the PRG screening, no future quantifiable risks are posed by contaminants at this site to any of the future populations assessed (DAMO26, DAMO29).

## M15 FORMER SEWAGE TREATMENT PLANT

The Former Sewage Treatment Plant (STP) for the MFG Area is located immediately west of the TNT Ditch Complex and consists of approximately 5 acres. This plant shut down in 1982 when a new treatment plant was constructed approximately 50 yards to the north. The Former STP was removed from operation because it could no longer meet NPDES requirements. JAAP personnel determined that it was more economical to build a new system than to refurbish the old one (TRWI01).

The Former STP reportedly received wastes from operational areas within the MFG Area and from the Administrative Area. The highest volume of wastewater routinely entered the system during the day shift. It was reported that sludge from the Former STP may have been dumped at the Southern Gravel Pit (DAMO12).

The treated effluent from the Former STP was discharged into a ditch northwest of the plant, which flows to the northwest, joins the Sellite Ditch, and then flows into Grant Creek and contained high levels of dissolved oxygen and periodically, biological oxygen demand (TRWI01). In addition, it has been reported that because of the poor condition of the old sewer system discharging into the plant, during rainy weather there was excessive groundwater infiltration into the sewers, which resulted in overloading of the treatment facility. When the system became overloaded with excessive volumes of wastewater at the influent, a bypass pipe routed the wastewater to the final settling tank, resulting in the discharge of untreated wastewater to the ditch draining the Former STP. Note that the new plant discharges into a southern ditch rather than into the northern ditch, and that for an unspecified period of time, the Former STP also discharged to the southern ditch, indicating a potential impact to both ditches (DAMO12).

Based on the analytical data collected during the Phase 2 RI, the extent of soil, surface water, and sediment contamination at the Former Sewage Treatment Plant has been

delineated. The following site-related contaminants have been identified for each medium sampled at the site (DAMO24):

- Soils: Chrysene, fluoranthene, phenanthrene, pyrene mercury, silver.
- Surface water in the northern ditch: 2,4-DNT, 2,6-DNT, 2-nitrotoluene, RDX, nitrobenzene, water-soluble nitrate/nitrite, water-soluble sulfate, and calcium.
- Surface water in the southern ditch: 2,4-DNT, 2,6-DNT, nitrobenzene, calcium, lead, and potassium.
- Sediment in the northern ditch: Fluoranthene, pyrene, water-soluble nitrate/nitrite, water-soluble sulfate, mercury, and silver.
- Sediment in the southern ditch: Aluminum, barium, beryllium, chromium, cobalt, copper, iron, lead, nickel, mercury, potassium, silver, sodium, vanadium, and zinc.

Carcinogenic risks calculated for soils using the future maintenance worker, industrial worker and resident scenarios are exceeded. Chrysene accounts for all of this risk. Specifically, for the south ditch sediments, carcinogenic risks for soils are exceeded for the same populations but beryllium accounts for most of this risk. Soils and sediments may pose a health threat to future residents at this site (DAMO26). No further sampling is proposed (DAMO24).

Based on a comparison of the PRG screening and the risk assessment results the Former Sewage Treatment Plant is considered to be a no further action site. However, final regulatory approval has not yet been received (DAMO29).

## M16 MOTOR POOL AREA

The Motor Pool Area is located along Hof Road in the northern section of Acid Area 1 and covers approximately 8 acres. During the most active period of operation in the MFG Area, a fleet of approximately 400 vehicles was serviced regularly at the Motor Pool Area. The facility operations had diminished since the period of peak operation and is now no longer in operation. Wastewater was generated in this area from vehicle and floor washing and steam cleaning of engines (DAMO12). Approximately 20 cars per day were washed (TRWI01).

During typical operations, several precautions were generally taken to keep oil and grease that were removed from serviced vehicles out of the wastewater drainage system. The floor drains were equipped with traps that collected oil, grease and settled solids. These traps were periodically removed and emptied into 55-gallon drums kept on-site. In addition, spent oil and grease from vehicle maintenance were also containerized on-site. These wastes were eventually moved to the 10,000-gallon UST located in the Salvage Yard (L5) on the LAP Area side of JAAP. Interviews with JAAP personnel and review of as-built drawings indicate that the sewer drainage system is currently tied to the sanitary sewer system (DAMO12). As of 1974, the wastewater from the Motor Pool Area was discharged through the Acid Ditch into the Tetryl Ditch which empties into Grant Creek (TRWI01).

A pesticide mixing area was formerly located adjacent to building 704-19. The mixing was done within a concrete diked area. It is not known if the pesticide mixing area operations in this area predated the concrete mixing pad (ARMY01, FIEL01, MEMO04).

A site reconnaissance was conducted at the Motor Pool as part of the RI during 1991. No visible evidence of oil staining was observed on the ground surface. Also, there was no evidence of a stormwater discharge point from the Motor Pool to the Acid Ditch. JAAP personnel indicated that the sewer lines at the Motor Pool may have previously

discharged into the old process sewer lines from the Acid Area, which discharged into the Tetryl Ditch rather than into the Acid Ditch. No drawings could be found to determine if the old process sewer lines ever received discharge from the Motor Pool; however, in past years, oil slicks have been reported in both the Tetryl Ditch and Grant Creek, which would support this notion (DAMO12).

During the Phase 2 RI, a surface water and sediment sample were collected in southern acid ditch adjacent to the area, but no samples were collected within the area either at the motor pool building or at the pesticide mixing pad. Based on the Phase 2 RI, the site-related contaminants at the Motor Pool are listed below (DAMO12):

- Surface water: Arsenic and sodium
- Sediment: Anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, phenanthrene, pyrene, arsenic, potassium, lead, sodium, and zinc.

DDT, DDD, and DDE were detected at low concentrations in the sediment sample. These contaminants were not considered to be site related (DAMO12). The former pesticide mixing area located at the Motor Pool area was identified during the PAS.

Remediation is not considered necessary for this site (DAMO24). This area has been designated as requiring no further action based on the assumed concurrence by the USEPA and Illinois EPA by lack of dispute of the Final Phase 2 RI (DAMO29).

## M17 LAUNDRY FACILITY

The Laundry Facility is located within the Acid Manufacturing Area on East Acid Road north of the North Power House. This facility contained the two washers, two extractors and two dryers that were used for laundering work clothes that may have been contaminated with explosives. The facility ceased operation in 1977 (DAMO12).

During its operation, the Laundry Facility handled approximately 3,200 pounds per day of work clothes and towels, and generated an estimated wastewater flow of 20 gallons per minute. The wastewater passed through a holding tank for partial removal of lint and other solid materials and then was discharged into the sewage system, which drained into the Former STP. The holding tank was periodically cleaned and solids were removed to an unidentified landfill area. However, information obtained for the southern gravel pit (M13) indicates that laundry wastewater may have been disposed of in that excavated area (DAMO12).

No future quantifiable risks are posed by contaminants at this site to any of the future populations assessed (DAMO26). Remediation is not considered necessary for this site (DAMO24). This area has been designated as requiring no further action based on the assumed concurrence by the USEPA and Illinois EPA by lack of dispute of the Final Phase 2 RI (DAMO29).

### M18 HERBICIDE STORAGE AREA

The Herbicide Storage Area is situated near the former location of the Administration Office (which has been demolished). The facility that was used to store pesticides and herbicides is a Quonset hut located in an area slightly elevated above the surrounding ground surface (Building 703-3). The hut consists of a fireproof building with a concrete floor that has been described as "clean, dry and well ventilated" during past inspections. Surrounding surfaces are paved with asphalt and the entire area is fenced (DAMO12).

No future quantifiable risks are posed by contaminants at this site to any of the future populations assessed (DAMO26). Remediation is not considered for this site (DAMO24). No samples were collected in this area because there was no evidence of a release and because management practices minimize the likelihood of releases. A quantitative risk assessment has not been conducted (DAMO26). This area has been designated as requiring no further action based on the assumed concurrence by the USEPA and Illinois EPA by lack of dispute of the Final Phase 2 RI (DAMO29).

5/31/96

APPENDIX E

CHEMICALS, USED, STORED, RELEASED, DISPOSED OF ON FUTURE USDA  
PROPERTY



**CHEMICALS USED, STORED, RELEASED, DISPOSED OF ON PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS**

| Section | Building | Substance                 | Used, Stored,<br>Released,<br>Disposed | Date      | Quantity    | Action                                 | Reference      |
|---------|----------|---------------------------|--|-----------|-------------|--|----------------|
| L1      | 61-2     | Ammonia                   | Stored                                 |           | 475,000 gal | Tanks removed                          | JAAP08         |
| L7      | 1-4      | TNT                       | Used                                   | 1953      |             |  | DOTA13         |
|         | 1-6      | TNT                       | Used                                   | 1953      |             |  | DOTA13         |
|         | 1-10     | Acetone                   | Used                                   | 1953      |             |  | DOTA13         |
|         |          | TNT                       | Used                                   | 1953      |             |  | DOTA13         |
|         |          | Polychloronaphthalene     | Used                                   | 1954      |             |  | DOTA14         |
|         |          | Acid Proof Paint Pigments | Used                                   | 1954      |             |  | DOTA14         |
|         |          | Thinner Vapors            | Used                                   | 1954      |             |  | DOTA14         |
|         | 1-13     | TNT                       | Used                                   | 1953      |             |  | DOTA13         |
|         |          | Smokeless Powder          | Used                                   | 1953-1954 |             |  | DOTA13, DOTA14 |
|         | 1-14     | Black Powder              | Used                                   | 1953      |             |  | DOTA13         |
|         |          | Smokeless Powder          | Used                                   | 1953      |             |  | DOTA13         |
|         | 1-16     | TNT                       | Used                                   | 1953      |             |  | DOTA13         |
| L9      | 3-1      | Oil                       | Released                               | 6-10-68   |             | Cleaned sides of<br>Prairie Creek Bank | JAAP26         |
|         | 3-3      | Paint Thinner             | Used                                   | 1954      |             |  | DOTA14         |
|         |          | Dilute Alkaline           | Used                                   | 1955      |             |  | DOTA15         |
|         |          | Phosphoric Acid           | Used                                   | 1955      |             |  | DOTA15         |
|         |          | Thinner Vapors            | Used                                   | 1955-1957 |             |  | DOTA15, DOTA16 |
|         |          | Paint Mist                | Used                                   | 1955-1957 |             |  | DOTA15, DOTA16 |
|         | 3-4      | TNT                       | Used                                   | 1954-1957 |             |  | DOTA14, 15, 16 |
|         | 3-5A     | TNT                       | Used                                   | 1955-1957 |             |  | DOTA14, DOTA16 |
|         |          | Thinner Vapors            | Used                                   | 1957      |             |  | DOTA16         |
|         | 3-6      | TNT                       | Used                                   | 1954-1957 |             |  | DOTA14, 15, 16 |
|         | 3-10     | Thinner Vapors            | Used                                   | 1954-1955 |             |  | DOTA14, DOTA15 |
|         |          | Paint Pigments            | Used                                   | 1954-1955 |             |  | DOTA14, DOTA15 |

Releases due to spill are discussed in Section 4 of the report.

TABLE E-1

**CHEMICALS USED, STORED, RELEASED, DISPOSED OF ON PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS**

| Section | Building | Substance             | Used, Stored,<br>Released,<br>Disposed | Date          | Quantity | Action               | Reference      |
|---------|----------|-----------------------|--|---------------|----------|----------------------|----------------|
| L9      | 3-16     | Smokeless Powder      | Used                                   | 1954-1955     |          |                      | DOTA14, DOTA15 |
|         |          | Paint Pigments        | Used                                   | 1955-1957     |          |                      | DOTA15, DOTA16 |
|         |          | Thinner Vapors        | Used                                   | 1955-1957     |          |                      | DOTA15, DOTA16 |
|         |          | Nitroglycerin         | Used                                   | 1957          |          |                      | DOTA16         |
|         |          | Nitrocellulose        | Used                                   | 1957          |          |                      | DOTA16         |
|         |          | Nitroguanadine        | Used                                   | 1957          |          |                      | DOTA16         |
| L10     | 3A-3     | Polychloronaphthylene | Used                                   | 1953          |          |                      | DOTA13         |
|         |          | Paint Mist            | Used                                   | 1957          |          |                      | DOTA16         |
|         |          | Thinner Vapors        | Used                                   | 1957          |          |                      | DOTA16         |
|         |          | Polychloronaphthalene | Used                                   | 1953          |          |                      | DOTA13         |
|         |          | TNT Aluminum dust     | Used                                   | 1949          |          |                      | DOTA11         |
|         |          | Ammonium Picrate      | Used                                   | 1953          |          |                      | DOTA13         |
| L13     | 3A-10    | Polychloronaphthalene | Used                                   | 1953          |          |                      | DOTA13         |
|         | 3A-12    | Polychloronaphthalene | Used                                   | 1953          |          |                      | DOTA13         |
|         | 3A-13    | TNT                   | Used                                   | 1953          |          |                      | DOTA13         |
|         | 3A-16    | Polychloronaphthalene | Used                                   | 1953          |          |                      | DOTA13         |
|         | 68-1     | Hazardous Waste       | Stored                                 | Prior to 1995 |          |                      | FIEL01         |
|         | 68-2     | Hazardous Waste       | Stored                                 | Prior to 1995 |          |                      | FIEL01         |
|         | 68-3     | Hazardous Waste       | Stored                                 | Prior to 1995 |          |                      | FIEL01         |
|         | 68-14    | Hazardous Waste       | Stored                                 | Prior to 1995 |          |                      | FIEL01         |
|         | 68-15    | RDX Sludge            | Stored                                 | 1986-1993     |          | Disposed of off-site | DAMO22         |
|         |          | HMX Sludge            | Stored                                 | 1986-1993     |          | Disposed of off-site | DAMO22         |
|         | 68-18    | Raw Explosive         | Stored                                 | 1995          |          |                      | FIEL01         |
|         |          | Propellants           | Stored                                 | 1995          |          |                      | FIEL01         |
|         |          | Fuse components       | Stored                                 | 1995          |          |                      | FIEL01         |
|         |          | Raw Explosive         | Stored                                 | 1995          |          |                      | FIEL01         |
|         |          | Propellants           | Stored                                 | 1995          |          |                      | FIEL01         |

Balance due to will are discussed in Section 4 of the report

**CHEMICALS USED, STORED, RELEASED, DISPOSED OF ON PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS**

| Section | Building        | Substance                      | Used, Stored,<br>Released,<br>Disposed | Date      | Quantity     | Action            | Reference      |
|---------|-----------------|--------------------------------|--|-----------|--------------|-------------------|----------------|
| L13     | 68-18           | Fuse components                | Stored                                 | 1995      |              |                   | FIEL01         |
|         |                 | Oil                            | Stored                                 |           |              |                   | DOTA04         |
|         |                 | Hydrolic Fluid                 | Stored                                 |           |              |                   | DOTA04         |
|         |                 | Antifreeze                     | Stored                                 |           |              |                   | DOTA04         |
|         |                 | Raw Explosive                  | Stored                                 | 1995      |              |                   | FIEL01         |
| L20     | 68-23           | Propellants                    | Stored                                 | 1995      |              |                   | FIEL01         |
|         |                 | Fuse components                | Stored                                 | 1995      |              |                   | FIEL01         |
|         |                 | Sodium Hydroxyde               | Stored                                 | 1995      | 2,500 gal    |                   | FIEL01         |
|         |                 | Nitric Acid                    | Stored                                 | 1995      | 1 L          |                   | FIEL01         |
|         |                 | Sulfuric Acid                  | Stored                                 | 1995      | 1 gal        |                   | FIEL01         |
| L21     | 20-4            | Mercury                        | Stored                                 | 1995      | 29 lb        | Awaiting disposal | FIEL01         |
|         |                 | Acetone                        | Stored                                 | 1995      | 3 gal        |                   | FIEL01         |
|         |                 | Chlorine                       | Used                                   | 1961-1963 |              |                   | DOTA17, DOTA18 |
|         |                 | Sodium Hypochlorite UN1781     | Stored                                 | 1995      | 990 gal      |                   | FIEL01         |
|         |                 | American Industrial Oil        | Stored                                 | 1995      | 55 gal       |                   | FIEL01         |
| L26     | 63-1 thru 63-78 | Nitric Acid HCL+BAUME          | Stored                                 | 1995      | 5 gal        |                   | FIEL01         |
|         |                 | Explosives                     | Stored                                 |           |              |                   | JAAP08         |
|         |                 | TNT                            | Stored                                 |           |              |                   | JAAP51         |
|         |                 | Ammonium Perchloride           |  |           | 2,824,050 lb |                   | NPDES, 1993    |
|         |                 | Magnesium Teflon Igniters      |  |           |              |                   |                |
| L27     | Various         | Cart 90MM HE M71 W/Supp. Chg   | Stored                                 |           | 183,215 ea.  |                   | JAAP51         |
|         |                 | Shell Fixed HE M71 W/Supp. Chg | Stored                                 |           | 32,316 ea.   |                   | JAAP51         |
|         |                 | Cart 90MM Dummy M12B2          | Stored                                 |           | 2,023 ea.    |                   | JAAP51         |
|         |                 | Cart 105MM M444                | Stored                                 |           | 233,235 ea.  |                   | JAAP51         |
|         |                 | Grenade Hand, Frag             | Stored                                 |           | 41,259 ea.   |                   | JAAP51         |
| L28     | 65-1 thru 65-36 | Classified Items               | Stored                                 | 1950's    |              |                   | JAAP08         |

Releases due to spill are discussed in Section 4 of the report.

**TABLE E-1**  
**CHEMICALS USED, STORED, RELEASED, DISPOSED OF ON PROPERTY TO BE TRANSFERRED TO USDA**  
**JOAAP, WILL COUNTY, ILLINOIS**

| Section | Building | Substance   | Used, Stored,<br>Released,<br>Disposed | Date | Quantity     | Action | Reference |
|---------|----------|---|--|------|--------------|--------|-----------|
| L28     | 65-1     | Black Powder, Grade A5,<br>Unglazed, Spec. JAN-P-223A | Stored                                 |      | 332 lb       |        | JAAP51    |
|         | 65-4     | TNT   | Stored                                 |      | 1,056 lb     |        | JAAP51    |
|         | 65-6     | Calcium Resinate                                      | Stored                                 |      | 3,435 lb     |        | JAAP51    |
|         |          | High Purity Strontium Peroxide<br>Grade B             | Stored                                 |      | 27,414 lb    |        | JAAP51    |
|         | Various  | Warhead Section 762MM                                 | Stored                                 |      | 298 ea.      |        | JAAP51    |
|         | Various  | Warhead Section 318MM                                 | Stored                                 |      | 614 ea.      |        | JAAP51    |
|         | 66-1     | Powder, Prop. M1, F/37MM                              | Stored                                 |      | 499.5 lb     |        | JAAP51    |
|         |          | Powder, Prop. M6, F/37MM                              | Stored                                 |      | 999.5 lb     |        | JAAP51    |
|         |          | Powder, Prop. M5, F/37MM                              | Stored                                 |      | 12,609 lb    |        | JAAP51    |
|         |          | Powder, Prop. M2, F/37MM                              | Stored                                 |      | 1,324.5 lb   |        | JAAP51    |
|         |          | Powder, Prop. M1, F/105MM                             | Stored                                 |      | 609.5 lb     |        | JAAP51    |
|         |          | Powder, Prop. M6, F/90MM                              |  |      | 106,890.5 lb |        | JAAP51    |
|         |          | Powder, Prop. M6, Gun MP Grain<br>.0545               | Stored                                 |      | 36,189.5 lb  |        | JAAP51    |
| L29     | 66-5     | Lead Azide  | Stored                                 | 1949 |              |        | DOTA11    |
|         |          | Alcohol   | Stored                                 | 1949 |              |        | DOTA11    |
|         | 66-6     | Powder, Prop. M6, F/90MM                              | Stored                                 |      | 240,129 lb   |        | JAAP51    |
|         | 66-7     | Prop. M1M, P Sulphated, 90MM                          | Stored                                 |      | 118,125 lb   |        | JAAP51    |
|         | 66-10    | Powder, Prop. M6, F/90MM                              | Stored                                 |      | 298,190.5 lb |        | JAAP51    |
|         | 66-11    | Powder, Prop. M6, F/90MM                              | Stored                                 |      | 259,860 lb   |        | JAAP51    |
|         | 66-12    | Powder, Prop. M6, F/90MM                              | Stored                                 |      | 209,869.5 lb |        | JAAP51    |
|         | 66-13    | Powder, Prop. M6, F/90MM                              | Stored                                 |      | 260,136 lb   |        | JAAP51    |
|         | 66-14    | Powder, Prop. M6, F/90MM                              | Stored                                 |      | 260,040 lb   |        | JAAP51    |
|         | 66-25    | Composition B, Grade V                                | Stored                                 |      | 10,000 lb    |        | JAAP51    |

**CHEMICALS USED, STORED, RELEASED, DISPOSED OF ON PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS**

| Section | Building | Substance                           | Used, Stored,<br>Released,<br>Disposed | Date | Quantity     | Action          | Reference |
|---------|----------|-------------------------------------|--|------|--------------|-----------------|-----------|
| L29     | 66-25    | Composition B, Grade A<br>Comp. C-3 | Stored                                 |      | 4,140 lb     |                 | JAAP51    |
|         |          | Composition A5                      | Stored                                 |      | 115 lb       |                 | JAAP51    |
|         |          |                                     | Stored                                 |      | 492 lb       |                 | JAAP51    |
|         | 66-30    | Pellets, Tetryl, F/VT, Fuse M517    | Stored                                 |      | 128,900 lb   |                 | JAAP51    |
|         |          | Steric Acid                         | Stored                                 |      | 430 lb       |                 | JAAP51    |
|         | 66-41    | Powder, Prop. M1, F/40MM            | Stored                                 |      | 42,942.5 lb  |                 | JAAP51    |
|         |          | Powder, Prop. M17, F/76MM           | Stored                                 |      | 8,292.5 lb   |                 | JAAP51    |
|         |          | Powder, Prop. M15, F/90MM           | Stored                                 |      | 53,244.5 lb  |                 | JAAP51    |
|         | 66-43    | Propellant, M17 for 90MM Gun        | Stored                                 |      | 184,438 lb   |                 | JAAP51    |
|         | 66-46    | Composition A4 RDX Type A           | Stored                                 |      | 8,930 lb     |                 | JAAP51    |
|         | 66-49    | Propellant, M17 for 90MM Gun        | Stored                                 |      | 150,227.5 lb |                 | JAAP51    |
|         |          | Powder, Prop. M6, for 8" Gun        | Stored                                 |      | 3849.5       |                 | JAAP51    |
|         | 66-51    | Powder, Prop. M15, F/90MM           | Stored                                 |      | 21,600 lb    |                 | JAAP51    |
|         | 66-61    | Powder, Prop. M10, F/57MM           | Stored                                 |      | 9,555.5 lb   |                 | JAAP51    |
|         | 66-61    | Powder, Prop. M15, F/90MM           | Stored                                 |      | 149,689 lb   |                 | JAAP51    |
|         | 66-63    | Propellant, M17 for 90MM Gun        | Stored                                 |      | 160,784 lb   |                 | JAAP51    |
|         | 66-65    | Propellant, M17 for 90MM Gun        | Stored                                 |      | 150,227.5 lb |                 | JAAP51    |
|         | 66-74    | Blasting Caps                       | Stored                                 |      |              |                 | MILR02    |
|         |          | Primer Cord                         | Stored                                 |      |              |                 | MILR02    |
|         |          | Fuzes                               | Stored                                 |      |              |                 | MILR02    |
|         | 66-75    | High Explosives                     | Stored                                 |      |              |                 | MILR02    |
| 66-80   |          | Detonating Devices                  | Stored                                 |      |              |                 | MILR02    |
|         |          | Primer Cord                         | Stored                                 |      |              |                 | MILR02    |
|         |          | Flash Powder                        | Stored                                 |      |              |                 | MILR02    |
|         |          | Fireworks                           | Stored                                 |      |              |                 | MILR02    |
|         |          | Sodium Silicate                     | Stored                                 |      |              |                 | MILR02    |
|         |          |                                     | Stored                                 | 1978 |              | Removed in 1982 | MILR02    |

Releases due to spill are discussed in Section 4 of the report.

**TABLE E-1**  
**CHEMICALS USED, STORED, RELEASED, DISPOSED OF ON PROPERTY TO BE TRANSFERRED TO USDA**  
**JOAAP, WILL COUNTY, ILLINOIS**

| Section          | Building | Substance                     | Used, Stored,<br>Released,<br>Disposed | Date              | Quantity    | Action               | Reference      |
|------------------|----------|-------------------------------|--|-------------------|-------------|----------------------|----------------|
| L29              | 66-80    | Sulfur Powder                 | Stored                                 | 1978              |             |                      | MILR02         |
|                  |          | Potassium Nitrate             | Stored                                 | 1978              |             |                      | MILR02         |
|                  |          | Calcium Carbonate             | Stored                                 | 1978              |             |                      | MILR02         |
|                  |          | Granulated Charcoal           | Stored                                 | 1978              |             |                      | MILR02         |
|                  |          | Unidentified Materials        | Stored                                 | 1978              |             |                      | MILR02         |
|                  | 66-83    | Powder, Prop. M15, F/90MM     | Stored                                 |                   | 149,689 lb  |                      | JAAP51         |
| 66-84            |          | Powder, Prop. M2, F/75MM      | Stored                                 |                   | 13,289.5 lb |                      | JAAP51         |
|                  |          | Powder, Prop. M1, F/75MM      | Stored                                 |                   | 12,537.5 lb |                      | JAAP51         |
|                  |          | Powder, Prop. M2, F/76MM      | Stored                                 |                   | 8,849.5 lb  |                      | JAAP51         |
|                  |          | Powder, Prop. M1, F/105MM     | Stored                                 |                   | 18,257 lb   |                      | JAAP51         |
|                  |          | Powder, Prop. M15, F/90MM     | Stored                                 |                   | 74,844.5 lb |                      | JAAP51         |
| 66-85            |          | Powder, Prop. M10, F/57MM     | Stored                                 |                   | 8,829 lb    |                      | JAAP51         |
|                  |          | Powder, Prop. M18, F/60MM     | Stored                                 |                   | 5,992.5 lb  |                      | JAAP51         |
|                  |          | Powder, Prop. M6, F/76MM      | Stored                                 |                   | 71,059.5 lb |                      | JAAP51         |
|                  |          | Powder, Prop. M15, F/90MM     | Stored                                 |                   | 31,311.5 lb |                      | JAAP51         |
|                  |          | PBX Pellets                   | Stored                                 | 1986-1993         |             | Disposed of off-site | DAMO06, EDII01 |
| 66-86            |          | Oily sludge                   | Stored                                 | 1986-1993         |             | Disposed of off-site | DAMO06, EDII01 |
|                  |          | Composition B                 | Stored                                 | 1986-1993         |             | Disposed of off-site | DAMO06, EDII01 |
|                  |          | Powder, Prop. M10, F/75MM     | Stored                                 |                   | 19,247.5 lb |                      | JAAP51         |
|                  |          | Powder, Prop. M1, F/75MM      | Stored                                 |                   | 28,772 lb   |                      | JAAP51         |
|                  |          | Powder, Prop. M6, F/90MM      | Stored                                 |                   | 18,709.5 lb |                      | JAAP51         |
| 66-86 thru 66-88 |          | Hazardous Waste               | Stored                                 | Early 1980's-1993 | <23,100 gal |                      | DAMO06, EDII01 |
|                  |          | Mixed Sludge                  | Stored                                 |                   |             |                      | DAMO06         |
|                  |          | 2,3,4,6-Tetrachlorophenol     | Stored                                 |                   | 12 ounces   |                      | DAMO06         |
|                  |          | Waste Battery Acid            | Stored                                 |                   |             |                      | DAMO06         |
|                  |          | TNT and other High Explosives | Stored                                 | Prior to 1980's   |             |                      | DAMO06, EDII01 |

Table E-1 is to be used as discussed in Section 4 of the report.

**CHEMICALS USED, STORED, RELEASED, DISPOSED OF ON PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS**

TABLE E-1

| Section | Building            | Substance                       | Used, Stored,<br>Released,<br>Disposed | Date      | Quantity    | Action               | Reference      |
|---------|---------------------|---------------------------------|--|-----------|-------------|----------------------|----------------|
| L29     | 66-87               | Sulfuric Acid                   | Stored                                 | 1886-1994 |             | Disposed of off-site | DAMO06, EDII01 |
|         |                     | Oily soil                       | Stored                                 | 1886-1994 |             | Disposed of off-site | EDII01         |
|         |                     | Powder, Prop. M1, F/75MM        | Stored                                 |           | 24,859.5 lb |                      | JAAP51         |
|         |                     | Powder, Prop. M1, F/105MM       | Stored                                 |           | 6,282.5 lb  |                      | JAAP51         |
|         |                     | Powder, Prop. M1, F/8" Howitzer | Stored                                 |           | 10,611.5 lb |                      | JAAP51         |
|         |                     | Powder, Prop. M6, F/8" Gun      | Stored                                 |           | 18,899.5 lb |                      | JAAP51         |
|         | 66-88               | Sulfuric Acid                   | Stored                                 | 1886-1994 |             | Disposed of off-site | DAMO06, EDII01 |
|         |                     | Asbestos                        | Stored                                 | 1986-1993 |             |                      | DAMO06, EDII01 |
|         |                     | Lubricants                      | Stored                                 | 1986-1993 |             | Disposed of off-site | EDII01         |
|         |                     | Corrosion Inhibitors            | Stored                                 | 1986-1993 |             | Disposed of off-site | EDII01         |
|         |                     | Mineral Spirits                 | Stored                                 | 1986-1993 |             | Disposed of off-site | EDII01         |
|         |                     | Lead Based Paint                | Stored                                 | 1986-1993 |             | Disposed of off-site | DAMO06, EDII01 |
| L30     | 66A-88 thru 66A-129 | Propellant Charge F/105MM       | Stored                                 |           | 2,474 ea.   |                      | JAAP51         |
|         |                     | Powder, Prop. M15, F/90MM       | Stored                                 |           | 13,949.5 lb |                      | JAAP51         |
|         |                     | Explosives                      | Stored                                 |           |             |                      | DAMO06         |
|         |                     | Smokeless Powder                | Stored                                 |           |             |                      | DAMO06         |
|         |                     | Ammunition                      | Stored                                 |           |             |                      | DAMO06         |
|         |                     | DNT                             | Stored                                 | 1969-?    | 244,800 lb  |                      | JAAP53         |
| M108    | 811-4               | DNT                             | Stored                                 | 1969-?    | 168,000 lb  |                      | JAAP53         |
|         | 811-5               | DNT                             | Stored                                 | 1968-1970 | 96,000 lb   | Shipped off-site     | JAAP53         |
|         | 811-17              | DNT                             | Stored                                 | 1968-1970 | 145,800 lb  | Shipped off-site     | JAAP53         |
|         | 811-20              | DNT                             | Stored                                 | 1970-?    | 204,000 lb  |                      | JAAP53         |
|         | 811-21              | DNT                             | Stored                                 | 1970-?    | 189,600 lb  |                      | JAAP53         |
|         | 811-22              | DNT                             | Stored                                 | 1970-?    | 168,000 lb  |                      | JAAP53         |
|         | 811-23              | DNT                             | Stored                                 | 1970-?    | 201,000 lb  |                      | JAAP53         |
|         | 811-24              | DNT                             | Stored                                 | 1970-?    | 180,000 lb  |                      | JAAP53         |
|         | 811-33              | DNT                             | Stored                                 | 1970-?    |             |                      | JAAP53         |
|         |                     |                                 |  |           |             |                      |                |

Releases due to spill are discussed in Section 4 of the report.

TABLE E-1

**CHEMICALS USED, STORED, RELEASED, DISPOSED OF ON PROPERTY TO BE TRANSFERRED TO USDA  
JOAAP, WILL COUNTY, ILLINOIS**

| Section | Building | Substance             | Used, Stored,<br>Released,<br>Disposed | Date   | Quantity   | Action           | Reference |
|---------|----------|-----------------------|--|--------|------------|------------------|-----------|
| M108    | 811-34   | DNT                   | Stored                                 | 1969-? | 168,000 lb | Shipped off-site | JAAP53    |
|         | 811-35   | DNT                   | Stored                                 | 1969-? | 244,800 lb | Shipped off-site | JAAP53    |
|         | 811-36   | DNT                   | Stored                                 | 1969-? | 244,800 lb | Shipped off-site | JAAP53    |
|         | 811-37   | Lead Azide            | Stored                                 |        |            |                  | JAAP50    |
|         | 811-38   | DNT                   | Stored                                 | 1969-? | 244,800 lb | Shipped off-site | JAAP53    |
|         | 811-46   | DNT                   | Stored                                 | 1968-? | 244,800 lb |                  | JAAP53    |
|         | 811-48   | Propellant Explosives | Stored                                 |        |            |                  | JAAP50    |
|         | 811-49   | Propellant Explosives | Stored                                 |        |            |                  | JAAP50    |
|         | 811-52   | Propellant Explosives | Stored                                 |        |            |                  | JAAP50    |
|         | 811-90   | DNT                   | Stored                                 | 1968-? | 244,800 lb |                  | JAAP53    |
| M111    | Various  | Tetryl Gr. 1          | Stored                                 |        | 632,940 lb |                  | JAAP51    |
|         | Various  | Tetryl Gr. 1          | Stored                                 |        | 632,940 lb |                  | JAAP51    |
|         | 811-14   | Lead Azide            | Stored                                 |        | 15,000 lb  |                  | JAAP50    |
|         | 811-16   | Lead Azide            | Stored                                 |        | 20,850 lb  |                  | JAAP50    |
|         | 811-28   | Lead Azide            | Stored                                 |        | 21,000 lb  |                  | JAAP50    |
|         | 811-29   | Lead Azide            | Stored                                 |        | 16,500 lb  |                  | JAAP50    |
|         | 811-30   | Lead Azide            | Stored                                 |        | 20,250 lb  |                  | JAAP50    |
|         | 811-58   | Lead Azide            | Stored                                 |        | 27,000 lb  |                  | JAAP50    |
|         |          |                       |  |        |            |                  |           |
|         |          |                       |  |        |            |                  |           |

Balance due to mill are discussed in Section 4 of the report